

### McGILL UNIVERSITY

# FACULTY OF MEDICINE

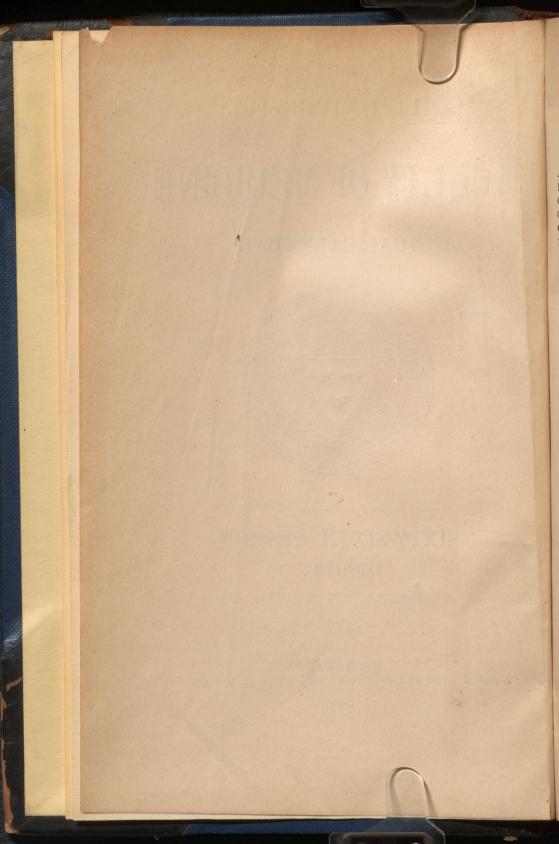
ANNUAL CALENDAR.



SIXTY-SIXTH SESSION 1898-1899.

MONTREAL:
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1898.



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### ALMANAC, 1898-99.

7th	Month.	JULY xxxi days. 1898.
1	F.	Dominion Day.
2	S.	Meeting of Medical Faculty
3	S.	
4	M.	
5	Tu.	(Registration for Prov. of Quebec, (at Mont-
6	W.	real). Matriculation Exam. C. P. & S., New
7	Тн.	Brunswick, (at St. John).
8	F.	
9	S.	
10	S.	
11	M.	
12	Tu.	and more playing
13	W.	Registration in Nova Scotia.
14	Тн.	
15	F.	Dr. W. Robertson Died, 1844.
16	S.	
17	S.	SETT THE COURT STATE OF
18	M.	
19	Tu.	SUCCESS STATE STATE OF THE SECOND STATE OF THE
20	W.	Malpighi died, 1694.
21	Тн.	
22	F.	
23	S.	
24	S.	
25	M.	To annual and the second
26	Tu.	
27	W.	
28	Тн.	
29	F.	
30	S.	
31	s.	Dr. R. L. MacDonnell died, 1891.

8th	Month.	AUGUST xxxi days.	1898
1	M.	Duverney born, 1648.	
2	Tu.	A VINCENSIA DE LA LIGITATION DE CONTROL DE C	
3	W.		
4	TH.		
5	F.		
6	S.		
7	s.	STEPHEN AND ASSESSED IN LAND	
8	M.		
9	Tu.		
10	W.		
11	Тн.		
12	F.		
13	S.	Lavoisier born, 1743.	
14	S.		
15	M.	THE DESIGNATION OF STREET	
16	Tu.		
17	W.		
18	Тн.	Sir A. Cooper born, 1768.	
19	F.		
20	S.	Hey born, 1726.	
21	S.		
22	M.		
23	Tu.		
24	W.		
25	Тн.		
26	F.	Goethe born, 1749.	
27	S.		
28	S.		
29	M.		
30	Tu.		
31	W.		
		<b>经产生的企业的企业企业</b>	

9th	Month.	SEPTEMBER xxx days. 1898.
1	Тн.	Matriculation Prov. Med. Council, Nova Scotia.
2	F.	
3	S.	Meeting of Medical Faculty.
4	s.	Galvani born, 1737.
5	M.	
6	Tu.	Examination Medical Council, British Columbia
7	W.	
8	Тн.	
9	F.	AND THE COURT OF THE PARTY OF T
10	S.	
11	S.	CANADA CARRA SERVICIO CARRA SE
12	M.	AND
13	Tu.	Register opens for Students in Medicine.
14	W.	Matriculation Exam. C. P. S., New Brunswick.
15	Тн.	Matriculation Exam. Arts and Medicine, McGill
16	F.	
17	S.	
18	s.	
19	M.	- L. C. West Completed Son
20	Tu.	Lectures begin.
21	W.	Medical Entrance Exam. C. P. and S., Manitoba
22	TH.	Matric. Exam. Coll. P.& S., Quebec, (at Quebec)
23	F.	Meeting of Governors
24	S.	Meeting of Governors.
25	S.	
26	M.	
27	Tu.	
28	W.	Registration for Prov. of Quebec, (at Quebec).
29	Тн.	
30	F.	The same of the sa

10th Month.	0	CT	0	BER	xxxi	days.
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1898.

_		
1	S.	McGill Medical Society, annual meeting. Meeting of Medical Faculty.
2	S.	
3	M.	
4	Tu.	James McGill born, 1744, Founder's day.
- 5	W.	
6	Тн.	
7	F.	Fallopius died, 1562.
8.	S.	
9	S.	A. F. Holmes died, 1860.
10	M.	
11	Tu.	Vesalius died, 1564.
12	W.	Registration in Nova Scotia.
13	Тн.	Reamur died, 1757.
14	F.	Sports day.
15	S.	
16	S.	
17	M.	
18	Tu.	
19	W.	
20	Тн.	Matriculation Prov. Med. Council Nova Scotia.
21	F.	Baillie born, 1761.
22	S.	Register closes for session 1897-98. Meeting of Governors.
23	s.	
24	M.	
25	Tu.	Children Control of the Control of t
26	W.	Meeting of Corporation.
27	Тн.	
28	F.	
29	S.	
30	S.	Lectures began in Montreal Med, Ins. in 1824.
31	M.	All Hallows Eve.
	- 4	

,	-	
1	Tu.	
2	W.	
3	TH.	
4 5	F.	
9	S.	Meeting of Medical Faculty.
6	S.	First Lectures delivered in Med. Faculty, 1829
7	M.	Bichat born, 1771.
8	Tu.	Dr. Geo. Ross died, 1892.
9	W.	
10	Тн.	
11	F.	
12	S.	
13	S.	
14	M.	
15	Tu.	
16	W.	
17	Тн,	Radcliffe born, 1650.
18	F.	
19	S.	
20	S.	
21	M.	
22	Tu.	
23	W.	
24	Тн.	
25	F.	
26	S.	Meeting of Governors.
27	S.	CONTRACTOR OF THE PARTY OF THE
28	M.	
29	Tu.	
30	W.	

TH. F. S. M. Tu.	Meeting of Medical Faculty.
S. S. M.	Meeting of Medical Faculty.
<b>S.</b> M.	Meeting of Medical Faculty.
М.	
TII	
10.	
W.	
Тн.	Sessional Examinations begin.
F.	
S.	
S.	
M.	
Tu.	
W.	James McGill died, 1813.
TH.	
F.	Autumn Term ends.
S.	Meeting of Governors.
S.	
M.	
Tu.	Pott died, 1788.
W.	
Тн.	Peyer born, 1653.
F.	
S.	
S.	Christmas Day.
M.	
Tu.	Boerhaave born, 1688.
W.	
Тн.	
F.	
S.	
	S.  M. TU. W. TH. F. S. M. TU. W. TH. F. S. M. TU. W. TH. F. F. F.

1st	Month.	JANUARY xxxi days. 1899.
1	s.	New Year's Day.
2	M.	New Year's Day. Royal Victoria Hospital opened 1894.
3	TU.	Linears have 1400
4	W.	Linacre born, 1460.
5	TH.	Winter Term begins.
6	F.	
7	S.	Meeting of Medical Faculty.
8	S.	
9	M.	
10	Tu.	Exam. Medical Council, British Columbia.
11	W.	Registration in Nova Scotia.
12	TH.	
13	F.	
14	S.	Lower born, 1653.
15	S.	
16	M.	
17	Tu.	
18	W.	
19	Тн.	
20	F.	
21	S.	Dr. Wm. Caldwell died, 1883.
	-	Meeting of Governors.
22	S.	
23	M.	
24	Tu.	
25	W.	Regular Meeting of Corporation.
26	Тн.	
27	F,	
28	S.	
29	S.	Charter granted to Mont. Gen. Hospital, 1823.
30	M.	
31	.Tu.	

1	W.	Willis born, 1622.
2	Тн.	Trans born, 1911.
3	F.	
4	S.	Prof. Sutherland died, 1875. Meeting of Medical Faculty,
5	S.	
6	M.	
7	Tu.	
8	W.	
9	Тн.	
10	F.	
11	S.	
12	S.	
13	M.	
14	Tu.	5 Laennec born, 1781. John Hunter born, 172
15	W.	Prof. Hall died, 1868.
16	Тн.	
17	F.	
18	S.	
19	S.	Abernethy born, 1697.
20	M.	Albinus born, 1697.
21	Tu.	Morgagni born, 1682.
22	W.	
23	Тн.	
24	F.	
25	S.	Meeting of Governors.
26	S.	Control of the Contro
27	M.	
28	Tu.	
20	10.	E and another demonstration in the

910	Month.	MARCH xxxi days. 1899.
1	W.	AND THE RESIDENCE OF THE PARTY
2	TH.	
3	F.	
4	S.	Meeting of Medical Faculty.
5	s.	
6	M.	
7	Tu.	
8	W.	
9	Тн.	
10	F.	
11	S.	1200 minut sentiment shall
12	S.	
13	M.	A PROPERTY OF THE PARTY OF THE
14	Tu.	
15	W.	
16	Тн.	
17	F.	St. Patrick's Day.
18	S.	
19	s.	
20	M.	
21	Tu.	
22	W.	
23	Тн.	
24	F	Winter Term ends.
25	S.	Meeting of Governors.
26	S.	
27	M.	Prof. R. P. Howard died, 1889.
28	Tu.	
29	W.	
30	Тн.	Convocation for Degrees in Vet. Science.
31	F.	Good Friday.

1899. APRIL xxx days. 4th Month. S. Meeting of Medical Faculty. 2 S. Easter Sunday. 3 M. 4 TU. W. 6 TH. 7 F. 8 S. 9 S. 10 M. (Sydenham born, 1624. Primary and Final Exam. for Coll. of P.&S., Ont 11 TU. Spring Term begins. 12 W. 13 TH. 14 F. 15 S. Petit born, 1760. 16 S. 17 M. Orfila born, 1787. Registration in Nova Scotia. 18 Tu. W. 19 20 TH. 21 F. 22 S. Meeting of Governors. 23 S. Shakespeare born, 1564. 24 M. 25 TU. W. 26 Meeting of Corporation. 27 TH. F. 28 Conv. for degrees in Arts, Law and App. Sciences 29 S. S. 30

		10
5th	Month.	MAY xxxi days. 1899.
1	M.	Post Graduate Course begins.
2	Tu.	Exams. and Regist. C. P. & S., Br. Columbia
3	W.	( Exams. and Regist. C. 1. & S., Dr. Columbia
4	Тн.	
5	F.	
6	S.	Meeting of Medical Faculty.
7	S.	
8	M.	
9	Tu.	
10	W.	
11	Тн.	
12	F.	
13	S.	Edward Jenner born, 1749.
14	S.	Heberden born, 1710.
15	M.	
16	Tu.	Primary and final examins. C. P. & S., Ont.
17	W.	
18	Тн.	
19	F.	
20	S.	
21	S.	Prof. Scott died, 1883.
22	M.	
23	Tu.	
24	W.	Queen Victoria born, 1819.
25	Тн.	
26	F.	Lectures end.
27	S.	Meeting of Governors.
28	s.	Prof. G. W. Campbell died, 1882.  John H. R. Molson died, 1897.
29	M.	Examinations begin.
30	Tu.	

W.

6th	Month.

#### JUNE xxx days.

1899.

1	Тн.	Matriculation Exams. Arts and Medicine.
2	F.	
3	S.	Meeting of Medical Faculty.
4	s.	Corner-stone Mont. Gen. Hospital laid, 1821
5	M.	
6	Tu.	
7	W.	Eustachius died, 1574,
8	TH.	
9	F.	
10	S.	
11	s.	
12	M.	
13	Tu.	
14	W.	Exam. for License C. P. S., New Brunswick.
15	Тн.	(Rolando born, 1773.
16	F.	Spring Terms ends. Convocation for conferring Degrees in Med.
17	S.	Convocation for comerning Degrees_in med.
18	S.	
19	M.	
20	Tu.	The second secon
21	W.	Queen Victoria's Ascension, 1837.
22	Тн.	Matriculation Col. P. & S., Quebec (at Mont.)
23	F.	
24	S.	Montreal Medical Institution became Medical Meeting Governors. [Faculty, 1829.
25	S.	
26	M.	
27	Tu.	Prof. Fenwick died, 1894.
28	W.	Meeting of Corporation.
29	Тн.	Queen Victoria Crowned, 1838.
30	F.	
-		

# Henekactors of the Faculty of Medicine.

#### I.—LEANCHOIL ENDOWMENT.

This endowment, established in 1893, has been invested and the interest applied to the general expenses of the Faculty.

Lord Strathcona and Mount Royal, G.C.M.G...........\$50,000

#### II.—CAMPBELL MEMORIAL ENDOWMENT.—\$48,906.

Established in 1883 to commemorate the services rendered to the Faculty during forty years by the late Dean, George W. Campbell, M.D., LL.D.

This fund has also been invested, and the income from it utilised for general expenses of the Faculty.

Mrs. G. W. Campbell \$2,000	George Hague, Esq\$	500
H. and A. Allan 1,500	J. K. Ward, Esq	500
Lord Strathcona and Mount	Warden King, Esq.,	500
Royal	John Sterling, Esq.	500
Sir George Stephen, Bart 1,000	John Rankin, Esq	500
R. B. Angus, Esq 1,000	Cantlie, Ewan & Co	500
George A. Drummond, Esq. 1,000	Robt. Reford, Esq	500
Alex. Murray, Esq 1,000	J. & W. Ogilvie	500
Robert Moat, Esq 1,000	Randolph Hersey, Esq	500
W. C. McDonald, Esq 1,000	John A. Pillow, Esq	500
A Friend	S. Carsley, Esq	500
Duncan McIntyre, Esq 1,000	D. C. McCallum, M.D.	500
A. F. Gault, Esq 1,000	S. Greenshields, Son & Co.	500
M. H. Gault, Esq 1,000	Jonathan Hodgson, Esa	500
G. W. Stephens, Esq 1,000	Geo. Ross, M. D.	500
James Benning, Esq 1,000	1. G. Roddick, M.D.	500
R. P. Howard, M.D 1,000	Wm. Gardner, M.D.	500
G. B. & J. H. Burland, Esq. 1,000	Cochrane, Cassils & Co	500
Miss Elizabeth C. Benny 1,000	Joseph Hickson, Esq.	500
J. C. Wilson, Esq 1,000	Allan Gilmour (Ottawa)	500
Mrs. John Redpath 1,000	R. W. Shepherd, Esq.	500
Hon. John Hamilton 1,000	G. E. Fenwick, M.D	300
Miss Orkney 1,000	Miles Williams, Esq	300
Hugh McKay, Esq 1,000	G. P. Girdwood, M.D	250
Hector McKenzie, Esq 1,000	Chas. F. Smithers, Esq.,	250
Thomas Workman, Esq 1,000	John Kerry, Esq	250
Hugh McLennan, Esq 1,000	A. Baumgarten. Esq	250
O. S. Wood, Esq 1,000	V. R. Elmenhorst, Esq	250
Frank Buller, M.D 500	W. F. Lewis, Esq	250
James Burnett, Esq 500	Geo. Armstrong, Esq.,	250
Andrew Robertson, Esq 500	J. M. Douglas, Esq	250
Robt. McKay, Esq 500	H. Lyman, Sons & Co	250
John Hope, Esq 500	F. J. Shepherd, M.D	250
Alex. Urquhart, Esq 500	Duncan McEachran, Esq.,	
R. A. Smith, Esq 500	F.R.C.V.S	200

Benj. Dawson, Esq \$ 200	R. J. B. Howard, M.D \$ 25						
R. Wolff, Esq 150	R. F. Rinfret, Esq. (Quebec) 20						
James Stewart, M.D 150	Robert Howard, M. D. (St.						
Mrs. Cuthbert (New Rich-	Johns) 20						
mond, Q.) 100	Dr. J. & D. J. McIntosh						
J. M. Drake, M.D 100	(Vankleek Hill) 20						
H. W. Thornton, M.D. (New	J. E. Brouse, M.D. (Pres-						
Richmond, Q.) 100	cott) 20						
A. T. Paterson, Esq 100	J. H. McBean, M.D 15						
A. T. Paterson, Esq 100 C. B. Hanvey, M.D. (Yale,	J. C. Rattray, M.D. (Cob-						
B.C.) 100	den, O.)						
D. Cluness, M.D (Nanaimo,	J. H. Howard, M.D. (La-						
B.C.) 100	chine)						
W. Kinlock, Esq 100	J. W. Oliver, M. D. (Clifton, O.)						
Hua Richardson & Co 100	ton, O.)						
Hugh Paton, Esq 100 R. T. Godfrey, M.D 100	(Ottawa, O.) 10						
A Rodge MD	A. Pousette, M.D. (Sarnia,						
	O.) 10						
Geo. Wood, M.D. (Fari-	A. Ruttan, M.D. (Napanee,						
bault, Min.) 100	0.)						
A. A. Brown, M.D.	James Gunn, M.D. (Durham,						
George Wilkins, MD	0.)						
R. L. McDonnell M D Too	J. McDiarmid, M.D. (Hen-						
Joseph Workman, MD	sall, O.)						
(loronto)	W. J. Derby, M.D. (Rock-						
Sir A. I. Galt.	land, O.) 5						
Henry Lunam, B. A., M.D.	J. Gillies, M.D. (Teeswater,						
(Campbellton, N.B.)	0.) 5						
1. J. Alloway, M.D., 30	J. B. Benson, M.D. (Chat-						
Griffith Evans, M.D. (Vet.	ham, N.B.) 5						
Department, Army) 25	L. A. Fortier, M.D. (St.						
J. J. Farley, M.D. (Belle-	J. A. McArthur, M.D. (Fort						
ville) 25							
Henry R. Gray, Esq 25 Louis T. Marceau, M.D.	John Campbell, M.D. (Sea-						
	forth, O.)						
III.—CAMERON OBST	ETRICAL ENDOWMENT.						
Dr. J. C. Cameron	\$10,000						
IV.—The Drake Endowment.							
Given as an annual donation from 1891 to 1897 of \$500 per annum							
towards the expenses of the chair of Physiology.							
Contribution in 1897 towards the endowment of the Joseph Morley							
Drake chair of Physiology.							
Walter Drake	\$10,000						
THE DR. GEO. MAJOR DONATION.							
Prof. Geo. Major, in 1892, contributed \$500 towards the chair of							
Pathology.							
Dr. Geo. Major	\$500						

#### VI.—THE DOW BEQUEST.

A bequest from the late Mrs. Mary Dow in 1892, the interest from which is devoted to the general expenses of the Faculty.

#### VII.—THE MRS. JOHN McDougall's Donation.

A donation from Mrs. John McDougall in 1892 to bear Dr. Craik's name, the interest on which is applied to the general expenses of the Medical Faculty.

Mrs. John McDougall......\$1,000

#### VIII.—THE MOLSON FUND.

A donation from the late Mr. John H. R. Molson in 1893 to enable the Faculty to purchase land and erect an additional wing to its buildings.

John H. R. Molson..... \$60,000

IX.—THE LORD STRATHCONA AND MOUNT ROYAL ENDOWMENT.

An endowment in 1893 of the chairs of Pathology and Sanitary Science.

Sir Donald A Smith.....\$100,000

#### X.—THE LEARMONT BEQUEST.

A bequest, in 1894, from Miss Jane Learmont, to bear Dr. Craik's name, the interest on which is applied to the general expenses of the Faculty.

The late Miss Jane Learmont.....\$3,000

# Officers and Members of the Faculty.

#### SINCE ITS ORIGIN.

#### DEANS.

Dr. W. ROBERTSON, official head of the Montreal Medical Institution 1823, succeeded by Dr. John Stephenson in 1829 as Registrar and Official head of the Faculty up to 1842, when he was succeeded by Dr. A. F. Holmes with title of Secretary. Dr. A. F. Holmes was the first Dean, 1854.

GEO. W. CAMPBELL, 1860. ROBT. CRAIK, 1889. R. P. HOWARD, 1882.

GEORGE Ross (vice-Dean), 1889

#### REGISTRARS.

JOHN STEPHENSON, 1829. ROBT. CRAIK, 1869. ARCHIBALD HALL, 1842.

WILLIAM OSLER, 1877. F. J. SHEPHERD, 1883 (acting). JAS. STEWART, 1884.

WILLIAM WRIGHT, 1864. R. F. RUTTAN, 1891.

#### CHAIR OF MEDICINE.—(Founded 1824.)

WILLIAM CALDWELL, 1824. GEORGE Ross, 1889. WILLIAM ROBERTSON, 1833. JAMES STEWART, 1893. ANDREW F. HOLMES, 1842. F. G. FINLEY (Asst. Prof.) 1894-6. R. PALMER HOWARD, 1860. H. A. LAFLEUR (Asst. Prof.) 1894-6.

#### CHAIR OF SURGERY.—(Founded 1824.)

JOHN STEPHENSON, 1824. G. W. CAMPBELL, 1835. JAS. BELL (Asst. Prof.) 1891-1894.

GEO. E. FENWICK, 1875. T. G. RODDICK, 1890.

#### CHAIR OF MIDWIFERY.—(Founded 1824.)

WILLIAM ROBERTSON, 1824. JOHN RACEY, 1833. GEO. W. CAMPBELL, 1835. WM. McCulloch, 1842.

ARCHIBALD HALL, 1854. D. C. MACCALLUM, 1868. ARTHUR A. BROWNE, 1883. J. CHALMERS CAMERON, 1886.

#### CHAIR OF ANATOMY.—(Founded 1824.)

JOHN STEPHENSON, 1824. WM. E. SCOTT, 1856.
OLIVER T. BRUNEAU, 1842. FRANCIS J. SHEPHERD, 1883.

#### CHAIR OF CHEMISTRY.—(Founded 1824.)

Andrew F. Holmes, 1824. Robt Craik, 1867.
Archibald Hall, 1842. Gilbert P. Girdwood, 1879.
William Sutherland, 1849. R. F. Ruttan (Asst. Prof.) 1891-4.

#### CHAIR OF PHYSIOLOGY.-(Founded 1824, Endowed 1897.)

JOHN STEPHENSON, 1824. WILLIAM FRASER, 1849.
STEPHEN C. SEWELL, 1842. JOSEPH M. DRAKE, 1872.
ROBERT L. MACDONNELL, 1845. WILLIAM OSLER, 1874.
WESLEY MILLS, 1886.

#### CHAIR OF PHARMACOLOGY AND THERAPEUTICS.

#### (Founded 1824.)

ANDREW F. HOLMES, 1824. A. HALL, 1849.
ARCHIBALD HALL, 1835. WILLIAM WRIGHT, 1854.
STEPHEN C. SEWELL, 1842. JAMES STEWART, 1883.
A. D. BLACKADER, 1891.

#### CHAIR OF BOTANY.—(Founded 1829.)

Andrew F. Holmes, 1829. James Barnston, 1857.

Dr. Papineau, 1845. J. W. Dawson, 1855 & 58.

D. P. Penhallow, 1883.

#### CHAIR OF CLINICAL MEDICINE—(Founded 1845.)

JAMES CRAWFORD, 1845 and 1852. DUNCAN C. MACCALLUM, 1860.
ROBT. L. MACDONNELL, 1849. JOSEPH M. DRAKE, 1868.
STEPHEN C. SEWELL, 1850. GEORGE ROSS, 1872.
R. PALMER HOWARD, 1856. RICH'D L. MACDONELL, 1889.
JAMES STEWART, 1891.

F. G. FINLEY (Asst. Prof.) 1894-6. H.A. LAFLEUR (Asst. Prof.) 1895-6

" (Assoc. Prof.) 1896. " (Assoc. Prof.) 1896.

#### CHAIR OF CLINICAL SURGERY .- (Founded 1845.)

JAMES CRAWFORD, 1845. WILLIAM E. SCOTT, 1852. DUNCAN C. MACCALLUM, 1856. JAMES BELL (Asst. Prof.) 1891-94. ROBERT CRAIK, 1860.

GEORGE E. FENWICK, 1867. THOMAS G. RODDICK, 1875. JAMES BELL, 1894.

GEO. E. ARMSTRONG (Asst. Prof.) 1894-6. (Assoc. Prof.) 1896.

#### CHAIR OF MEDICAL JURISPRUDENCE. (Founded 1845.)

WILLIAM FRASER, 1845. FRANCIS BADGLEY, 1849. Francis C. T. Arnoldi, 1850. George E. Fenwick, 1867. WILLIAM E. SCOTT, 1851. WILLIAM WRIGHT, 1852.

R. PALMER HOWARD, 1854. DUNCAN C. MACCALLUM, 1860. WILLIAM GARDNER, 1875. GEORGE WILKINS, 1883.

#### CHAIR OF HYGIENE AND PUBLIC HEALTH. (Founded 1871, Endowed 1893.)

GEORGE ROSS, 1871, THOMAS G. RODDICK, 1873. ROBERT T. GODFREY, 1875.

WILLIAM GARDNER, 1879. R. L. MACDONNELL, 1886. ROBERT CRAIK, 1889. WYATT JOHNSTON (Asst. Prof.) 1897.

#### CHAIR OF PRACTICAL CHEMISTRY. (Founded 1872, Endowed 1893.)

GILBERT P. GIRDWOOD, 1872. R. F. RUTTAN (Asst. Prof.), 1891-94. R. F. RUTTAN, 1894.

#### CHAIR OF OPHTHALMOLOGY AND OTOLOGY. (Founded 1883.)

FRANK BULLER 1883.

#### CHAIR OF GYNÆCOLOGY.—(Founded 1883.) WILLIAM GARDNER, 1883.

CHAIR OF PATHOLOGY.—(Founded 1892.) J. GEO. ADAMI, 1892.

CHAIR OF LARYNGOLOGY.—(Founded 1893.) H. S. BIRKETT, 1895. G. W. MAJOR, 1893.

## Coberning Body of the Anibersity.

#### VISITOR:

HIS EXCELLENCY THE RIGHT HON. THE EARL OF ABER-DEEN VISCOUNT GORDON, P.C., M.A. (Oxon.), LL.D., McGill.

GOVERNOR-GENERAL OF CANADA, ETC.

#### GOVERNORS:

[Being the Members of the Royal Institution for the Advancement of Learning.]

THE RIGHT HON. THE LORD STRATHCONA AND MOUNT ROYAL, G.C.M.G., LL.D. (Cantab.), President and Chancellor of the University.

JOHN MOLSON, Esq.

WILLIAM C. McDONALD, Esq.

HUGH McLENNAN, Esq.

GEORGE HAGUE, Esq.

EDWARD B. GREENSHIELDS, Esq., B.A.

SAMUEL FINLEY, Esq.

ANDREW FREDERICK GAULT, Esq.

HON. JOHN SPROTT ARCHIBALD, M.A., D.C.L.

CHARLES J. FLEET, Esq., B.A., B.C.L.

R. B. ANGUS, Esq.

SIR WILLIAM C. VAN HORNE, K.C.M.G.

JAMES ROSS, Esq.

CHARLES S. CAMPBELL, LL.D.

(The Board of Governors has, under the Koyal Charter, the power to frame Statutes, to make Appointments and to administer the Finances of the University).

#### PRINCIPAL:

WM. PETERSON, M.A. (Oxon.), LL.D., (St. Andrews and Princeton), Vice-Chancellor.

(The Principal has, under the Statutes, the general superintendence of all affairs of the College and University under such regulations as may be in force.)

#### FELLOWS:

SIR WILLIAM DAWSON, M.A., LL.D., (Edin.), D.C.L., D. L. (Columbia Col.), F.R.S., C.M.G., Governors' Fellow.

ALEXANDER JOHNSON, M.A., LL.D., D.C.L. (Lennoxv.), F.R.S.C., Vice-Principal and Dean of the Faculty of Arts.

REV. D. H. MacVICAR, D.D., LL.D., Principal of the Presbyterian College, Montreal.

JOHN REDPATH DOUGALL, M.A., Representative Fellow in Arts.

REV. J. CLARK MURRAY, LL.D., F.R.S.C., Elective Fellow, Faculty of Arts.

HENRY T. BOVEY, M.A., D.C.L. (Lennoxv.), LL.D., F.R.S.C., M.Inst.C.E., Dean of the Faculty of Applied Science.

BERNARD J. HARRINGTON, B.A., Ph.D., F.G.S., F.R.S.C., Elective Fellow Fac. App. Science.

REV. E. I. REXFORD, B.A., Governors' Fellow.

VERY REV. R. W. NORMAN, M.A., D.C.L., Governors' Fellow. S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.

FREDERICK W. KELLEY, B.A., PH.D. (Cornell), Representative Fellow in Arts.

REV. JAMES BARCLAY, M.A., D.D. (Glasgow), Governors' Fellow.

ROBERT CRAIK, M.D., LL.D., Dean of Faculty of Medicine.

REV. WILLIAM M. BARBOUR, D.D. (Yale, U.S.), Principal of the Congregational College of British North America.

WESLEY MILLS, M.A., M.D., F.R.S.C., Representative Fellow in Medicine.

DUNCAN McEACHRAN, D.V.S., Dean of the Faculty of Comparative Medicine and Veterinary Science.

MALCOLM C. BAKER, D.V.S., Elective Fellow, Faculty of Comparative Medicine and Veterinary Science.

ALEX. FALCONER, B.A., B.C.L., Representative Fellow in Law. CHAS. E. MOYSE, B.A. (London), Elective Fellow Faculty of Arts. JOHN COX, M.A. (Cantab.), F.R.S.C., Elective Fellow Faculty of Arts.

R. F. RUTTAN, B.A., M.D., F.R.S.C., Elective Fellow Faculty of Medicine.

WM. McLENNAN, B.C.L., Representative Fellow in Law.

C. H. McLEOD, Ma.E., F.R.S.C., Representative Fellow in Applied Science.

REV. C. R. FLANDERS, B.A., Principal Stanstead Wesleyan College, Stanstead, Q.

C. H. GOULD, B.A., Governor's Fellow.

REV. W. I. SHAW, M.A., LL.D., Principal of the Montreal Wesleyan Theological College.

FRANK D. ADAMS, M.A.Sc., Ph.D. (Heidelberg), F.R.S.C., Representative Fellow in Applied Science.

JOHN A. DRESSER, B.A., Principal St. Francis College.

D. P. PENHALLOW, B.Sc., F.R.S.C., Representative Fellow in Arts.

HON. JOHN S. HALL, B.A., B.C.L., Governors' Fellow.

REV. D. MACRAE. D.D., Representative of Morrin College, Que. REV. FREDERICK J. STEEN, M.A., Representative of Montreal Diocesan Theological College.

F. P. WALTON, B.A. (Oxon.), LL.B. (Edin.), Dean of the Faculty of Law.

C. W. WILSON, M.D., Representative Fellow in Medicine.

A. E. C. MOON, D.V.S., Representative Fellow in Comparative Medicine and Veterinary Surgery.

(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters, and to grant Degrees.)

OFFICE OF UNIVERSITY SECRETARY, REGISTRAR AND BURSAR.

(And Secretary of the Royal Institution.)

West Wing, McGill College. Office hours, 9 to 5.

W. VAUGHAN, Secretary, Registrar and Bursar, McGill College.
SAMUEL R. BURRELL, Clerk. Address, Secretary's Office, McGill
College.

# McGill Aniversity General Announcement.

#### SESSION OF 1898-99.

The sixty-sixth Session of the University, being the forty-third under the amended Charter, will commence in the autumn of 1898.

By virtue of the Royal Charter, granted in 1821, and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties in McGill College and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and, while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the affiliated Colleges and Schools.

#### I.—McGILL COLLEGE.

THE FACULTY OF ARTS.—The complete course of study extends over four Sessions of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew. This course of study is, with few exceptions, the same for all students in the first two years; but in the third and fourth years extensive options are allowed, more especially in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, English Literature and Modern Languages. Certain exemptions are allowed to professional students. Students may take the two degrees of B.A. and M.D. in six years. The ordinary course of the study in this Faculty leads to the Degrees of B.A., M.A., and LL.D.

- THE DONALDA SPECIAL COURSE IN ARTS provides for the education of women, in separate classes, with course of study, exemptions and honours similar to those for men.
- THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.
- THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions of nine months each, and leads to the Degrees of M.D., C.M.
- THE FACULTY OF LAW.—The complete course in Law extends over three Sessions of six months each, and leads to the Degrees of B.C.L. and D.C.L.
- THE FACULTY OF COMPARATIVE MEDICINE AND VETERINARY SCIENCE.

  —The complete course of study extends over three Sessions of six months each, and leads to the Degree of D.V.S.\*

#### II.—AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the students of McGill College.

- MORRIN COLLEGE, Quebec.—Is affiliated in so far as regards Degrees in Arts and Law. (Detailed information may be obtained from Rev. Donald Macrae, D.D., Principal.)
- St. Francis College, *Richmond.*—Is affiliated in so far as regards the Intermediate Examinations in Arts. (Detailed information may be obtained from Rev. John A. Dresser, M.A., Richmond, P.Q.)

#### III.—AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on, and a number of Free Tuitions are granted by the Board of

<sup>\*</sup>The complete Calendar, with information respecting all the Faculties, &c., may be obtained of W. Vaughan, Esq., McGill College.

Governors to the students of these Colleges when matriculated in Arts.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, Montreal.—Rev. William M. Barbour, D.D., 58 McTavish Street.

THE PRESBYTERIAN COLLEGE, Montreal, in connnection with the Presbyterian Church in Canada.—Principal, Rev. H. MACVICAR, D.D., LL.D., 69 McTavish Street.

THE DIOCESAN COLLEGE OF MONTREAL.—Principal, Rev. J. F. Steen, M.A. (acting), University Street.

THE WESLEYAN COLLEGE OF MONTREAL.—Principal, Rev. T. W. SHAW, M.A., LL.D., 228 University Street.

[Calendars of the above Colleges and all necessary information may be obtained on application to their Principals.]

#### IV.-McGILL NORMAL SCHOOL.

THE McGILL NORMAL School provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas, and may, on conditions stated in the announcement of the School, enter the classes in the Faculty of Arts for Academy Diplomas and for the Degree of B.A. Principal, S. P. ROBINS, LL.D., 39 Belmont Street, Montreal.

#### V.—AFFILIATED HIGH SCHOOLS, ETC.

The Trafalgar Institute for the Higher Education of Women, Simpson Street, Montreal; Principal, Miss Grace Fairley. The High School of Montreal, Metcalfe Street; Principal, Rev. E. I. Rexford, B.A. The Girls' High School of Montreal, Metcalfe Street; Lady Principal, Miss M. F. Findlay, B.A. Prince of Wales' College, Charlottetown, P.E.I.; Bishop's College School, Lennoxville; St. Francis College School, Miss Symmers and Miss Smith's School, Montreal; Eliock School, Montreal; Girls' High School, St. John, N.B.; Clarenceville Academy; Coaticooke Academy; Cowansville Academy; Dunham Academy; Gould Model School; Huntingdon Academy; Inverness Academy; Knowlton Academy; Lachute Academy; Quebec High School; Quebec Girls' High School; Shawville Academy; Sherbrooke Boys' Academy; Sherbrooke Girls' Academy; Stanstead Wesleyan College; St. John's High School; Sutton Academy; Three Rivers Academy; Waterloo Academy; Waterville Academy.

## Faculty of Medicine.

WILLIAM PETERSON, M.A., LL.D., Principal.
ALEXANDER JOHNSON, M.A., LL.D., Vice-Principal.
ROBERT CRAIK, M.D., LL.D., Dean.
R. F. RUTTAN, B.A., M.D., Registrar.
J. G. ADAMI, M.A., M.D., Director of the Museum.
F. G. FINLEY, M.B. (Lon.), M.D. (McGill), Librarian.

#### EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica, 84 St. Famille Street. DUNCAN C. MACCALLUM, M.D., Midwifery, 45 Union Avenue. SIR WILLIAM DAWSON, C.M.G., LL.D., F.R.S., Natural History.

#### PROFESSORS.

ROBERT CRAIK, M.D., LL.D., Professor of Public Health and Preventive Medicine, 887 Sherbrooke Street.

G. P. GIRDWOOD, M.D., Professor of Chemistry, 82 University Street. THOMAS G. RODDICK, M.D., Professor of Surgery, 80 Union Avenue. WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 Union Avenue.

Francis J. Shepherd, M.D., Professor of Anatomy, 152 Mansfield Street.

Frank Buller, M.D., Professor of Ophthalmology and Otology, 123 Stanley Street.

James Stewart, M.D., Professor of Medicine and Clinical Medicine, 285 Mountain Street.

George Wilkins, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 898 Dorchester Street.

D. P. Penhallow, B.Sc., M. A. Sc., Professor of Botany, McGill College.

Wesley Mills, M.A., M.D., Professor of Physiology, McGill College.

James Chalmers Cameron, M.D., Professor of Obstetrics and Diseases of Infancy, 941 Dorchester Street.

ALEX. D. BLACKADER, B.A., M.D., Professor of Pharmacology and Therapeutics, and Lecturer on Diseases of Children, 236 Mountain Street.

R. F. RUTTAN, B.A., M.D., Professor of Practical Chemistry, McGill College.

James Bell, M.D., Professor of Clinical Surgery, 873 Dorchester Street.

J. G. ADAMI, M.A., M.D. (Cantab.), F.R.S. (Edin.), Professor of

Pathology, McGill College.

F. G. FINLEY, M.B. (Lond.), M.D. (McGill), Assistant Professor of Medicine and Associate Professor of Clinical Medicine, 1013 Dorchester Street.

HENRY A. LAFLEUR, B.A., M.D., Assistant Professor of Medicine and Associate Professor of Clinical Medicine, 58 University Street.

GEORGE E. ARMSTRONG, M.D., Associate Professor of Clinical Surgery, 320 Mountain Street.

H. S. BIRKETT, M.D., Professor of Laryngology, 123 Stanley Street. WYATT JOHNSTON, M.D., Assistant Professor of Public Health and Lecturer on Medico-Legal Pathology, 74 Shuter Street.

#### LECTURERS.

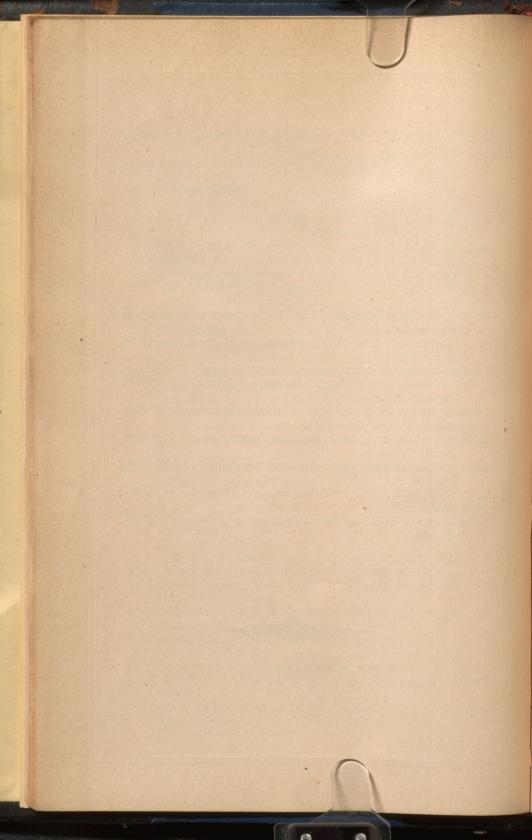
- T. J. W. Burgess, M.D., Lecturer in Mental Diseases, Protestant Hospital for the Insane, Verdun.
- W. S. Morrow, M.D., Lecturer in Physiology, 96 Park Avenue.
- JOHN M. ELDER, B.A., M.D., Lecturer in Medical and Surgical Anatomy, and Demonstrator of Surgery, 4201 Sherbrooke Street.
- C. F. MARTIN, B.A., M.D., Lecturer in Medicine, 46 Park Ave.
- J. J. GARDNER, M.D., Lecturer in Ophthalmology, 211 Peel Street.
- J. A. Springle, M.D., Lecturer in Anatomy, 1237 Dorchester Street.
- F. A. L. Lockhart, M.B. (Edin.), Lecturer in Gynæcology, 38 Bishop Street.
- J. C. Webster, B.A., M.D. (Edin.), F.R.C.P.E., Lecturer in Gynæcology, 287 Mountain Street.

#### DEMONSTRATORS AND ASSISTANT DEMONSTRATORS.

- J. G. McCarthy, M.D., Senior Demonstrator of Anatomy, 61 Drummond St.
- D. J. Evans, M.D., Demonstrator of Obstetrics, 939 Dorchester St.
- N. D. Gunn, M.D., Demonstrator of Histology, 47 Union Ave.
- G. GORDON CAMPBELL, B.Sc., M.D., Demonstrator of Clinical Medicine, 117 Metcalfe St.
- W. F. Hamilton, M.D., Demonstrator of Clinical Medicine, 287 Mountain St.
- R. TAIT McKenzie, M.A., M.D., Demonstrator of Anatomy, 59 Metcalfe St.
- J. A. HENDERSON, M.D., Demonstrator of Anatomy, 191 Bleury St.
- J. W. Scane, M.D., Demonstrator of Physiology, 4469 St. Catherine Street.
- KENNETH CAMERON, B.A., M.D., Demonstrator of Clinical Surgery, 903 Dorchester St.

- C. G. L. Wolf, B.A., M.D., Demonstrator of Practical Chemistry, McGill College.
- E. J. Semple, B.A., M.D., Curator of the Museum, 2101 Notre Dame St.
- W. I. Bradley, B.A., M.D., Demonstrator of Pathology and Anatomy, 2812 St. Catherine St.
- A. E. GARROW, M. D., Demonstrator of Surgery and Clinical Surgery, 2726 St. Catherine St.
- R. A. KERRY, M.D., Demonstrator of Pharmacy, McGill College.
- J. J. Ross, M.D., B.A., Demonstrator of Anatomy, 679 Wellington St.
- A. E. ORR, M.D., Demonstrator of Anatomy, 900 Dorchester St.
- A. G. Nichols, M.A., M.D., Demonstrator of Pathology, 267 Mountain St.
- H. B. YATES, B.A. (Cantab.), M.D., Demonstrator of Bacteriology, 257 Peel St.
- A. A. Robertson, B.A., M.D., Demontrator of Physiology, 79 St. Matthew St.
- J. ALEX. HUTCHISON, M.D., Demonstrator of Surgery, 70 Mackay St.
- J. D. Cameron, B.A., M.D., Demontrator of Gynæcology, 2068 St. Catherine St.
- D. D. MacTaggart, B. A., M.D., Assistant Demonstrator of Pathology, Montreal General Hospital.
- D. P. Anderson, B. A., M.D., Assistant Demonstrator of Pathology, 403 St. Urbain St.
- S. RIDLEY MACKENZIE, M.D., Assistant Demonstrator of Medicine, 144 Peel St.
- T. P. Shaw, M.D., Assistant Demonstrator of Obstetrics, 51 Coursol
  Street.
- James Barclay, M.D., Assistant Demonstrator of Obstetrics, McGill College.





Paildings of the Medical Facally: 22° Chiloollège



Parbological Wing acquired 1893

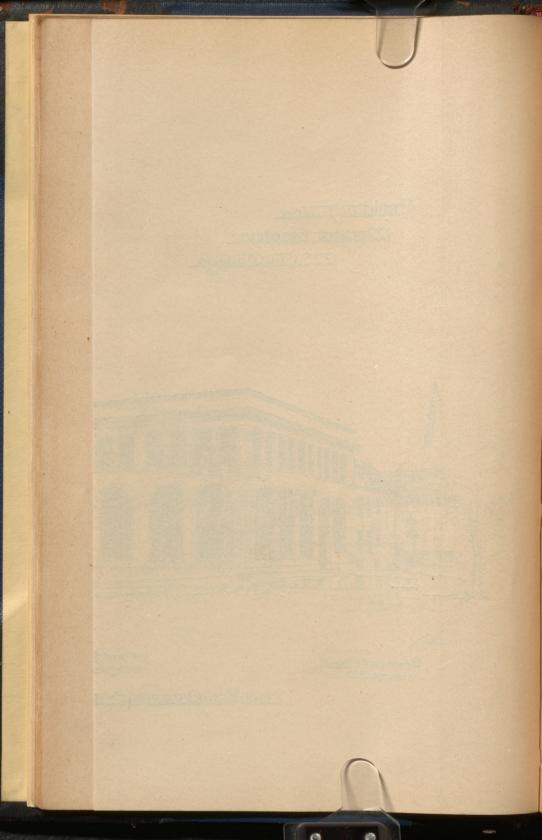
New Building

General View from Carling Road

Built 1885

Original Building

andrew T. Taylor FR. 180 Taylor + Gordon Orch" 122 ontreal:



# Announcement of the Faculty of Medicine

SESSION 1898-99.

The Sixty-sixth Session of this Faculty will be opened on Tuesday, September 20th, 1898, by an introductory lecture at 3 p.m. The regular lectures in all subjects will begin on September 21st, at the hours specified in the time-table, and will be continued until May, 26th, 1899, when the annual examinations will begin.

The Medical School of McGili University was founded in 1822 as the "Montreal Medical Institution," by Drs. W. Robertson, W. Caldwell, A. F. Holmes, J. Stephenson and H. P. Loedel—all of them at the time members of the staff of the Montreal General Hospital.

Although founded in 1822, yet no session of the "Medical Institution" was held until 1824, when it opened with 25 students; in 1844, the number of students in the Faculty was 50; in 1851, 64, with 15 graduates; in 1872-73, 154, with 35 graduates; in 1892-93, 315, with 46 graduates; in 1894-95, 403, with 54 graduates; in 1895-96, 419, with 90 graduates.

There were no sessions held during the political troubles from 1836 to 1839, and it is owing to this fact that the present is the 66th session of the Faculty. This is in reality the 69th session of the school, which is the direct continuation of the "Montreal Medical Institution."

In 1828, the "Medical Institution" was recognized by the Governors of the Royal Institution as the Medical Faculty of McGill University. At this time the lectures were given in a building on the site of the present Bank of Montreal.

Later the school was removed to a brick building still standing near the corner of Craig and St. George streets.

In 1846, the lectures of the Faculty were given in the present central building of the University now occupied by the Faculty of Arts. On account of the inconvenience arising from the distance of the University buildings from the centre of the city, it was decided in 1850, to erect a Medical school building in Coté Street, provided with ample accommodation for Library and Museum, and furnished with a large dissecting-room and two lecture rooms; this building was occupied for the first time during the session 1851-52, and sufficed for the wants of the Faculty until 1872-73, when the present main building was provided by the Governors of the University.

In 1885, the building in the University grounds, erected by the Governors for the use of this Faculty, was found inadequate. A new building was then added, which, at the time, afforded ample facilities for carrying out the great aim of the Faculty,—that of making the teaching of the primary branches thoroughly practical.

Owing to the larger classes and the necessity of thorough laboratory teaching, the Lecture Rooms and Laboratories added in 1885, soon became insufficient in size and equipment to meet the requirements of the Faculty.

The late Mr. John H. R. Molson, with timely generosity came to the aid of the Faculty and in 1893, purchased property adjoining the college grounds and enabled the Faculty to erect new buildings and extensively alter and improve those already in use.

These buildings were completed and officially opened by His Excellency, the Earl of Aberdeen, visitor of the University, January 8th, 1895.

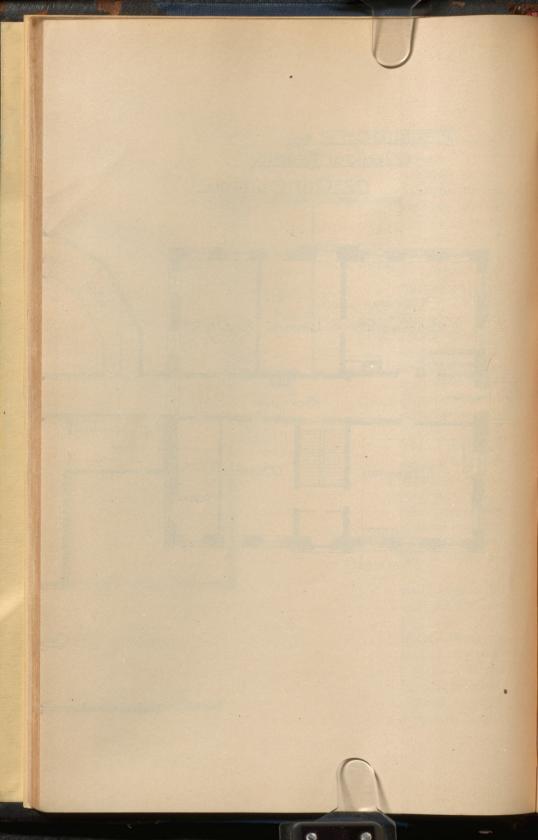
As will be seen on reference to the architect's plans on pages 34-35 the new buildings have been erected as an extension of the old ones, towards the northwest, partially facing Carlton road, and convenient to the Royal Victoria Hospital. They connect the Pathological building acquired in 1893, with the older buildings and comprise a large modern lecture

Paildings of me Medical Facalty: 22°Gil-Gollege. Private Laboratory appropriate 1 Projessurs Room apparatus Rm Eleder Broging Students Lecture RM Library Room Preparation Rm Cloat Ruomi ander Sragina Reading Rm Faculty Pm Library. Lecture Rm inder Staging ante Room. ш Vestibule Corridor. Gorridor. Gorridor Prof: of Chemistry Pathological Professor. Laboratory Maseam Maseam Therapeutic Laboratory Office Obemistry Laboratory Parhological Research Laboratory Department Prof ! Room Private Ground Floor Plan 9 1 9 4 90 40 F

andrew T. Taylor F. RiBa

Taylor + Gordon archi

Montreal



room, capable of accommodating 450 students, with adjoining preparation-rooms and new suites of laboratories for Pathology, Physiology, Histology, Pharmacology and Sanitary Science. The laboratories, etc., in the older buildings, have been greatly enlarged and improved; the whole of the second floor has been devoted to the department of anatomy, and consists of dissecting-room, anatomical museum and boneroom, preparation rooms, Professors' and Demonstrators' rooms, and a special Lecture Room.

On the ground floor the Library and Museum have been greatly enlarged; a room forming part of the Library has been furnished as a reading room for the use of students, where the extensive reference library of the Faculty may be consulted.

On this floor are situated also the Faculty room, the Registrar's office, the special museum for Obstetrics and Gynæcology, together with Professors' rooms, etc. The chemical laboratories have been increased by including the laboratories formerly used by the department of Physiology.

In the basement are placed the janitor's apartments, cloak rooms with numerous large lockers, the Lavatory, etc., recently furnished with the most modern sanitary fittings.

Through the great liberality of the Lord Strathcona and Mount Royal in founding the "Leanchoil Endowment," and of the citizens of Montreal and Medical Graduates in subscribing to the "Campbell Memorial Fund," the Faculty has been enabled to conduct and maintain the teaching of the different branches in a high state of efficiency.

The Faculty is g'ad to be able to announce that, by the liberality of the Lord Strathcona and Mount Royal in endowing the chairs of Pathology and Sanitary Science with one hundred thousand dollars, it is able to establish these departments on a footing fully commensurate with their importance and with the advances and requirements of modern medical science.

The attention of Practitioners is called to the Post Graduate and advanced courses established in 1896 in the hospitals and laboratories connected with the Faculty of Medicine. (See page 59.)

### Lecture Rooms.

In the buildings now occupied by the Faculty, as will be seen by reference to the diagrams, in addition to the laboratories, dissecting room, etc., there are three large lecture rooms, two capable of comfortably seating about 300 students, and one for general lectures, examinations, etc., capable of seating 450 students. These theatres are well ventilated and lighted by electricity, as indeed is the entire building. The seats are numbered and a lecture room ticket securing a seat for the session is given each student on enregistering and paying the sessional fee.

### Rooms for Students Use.

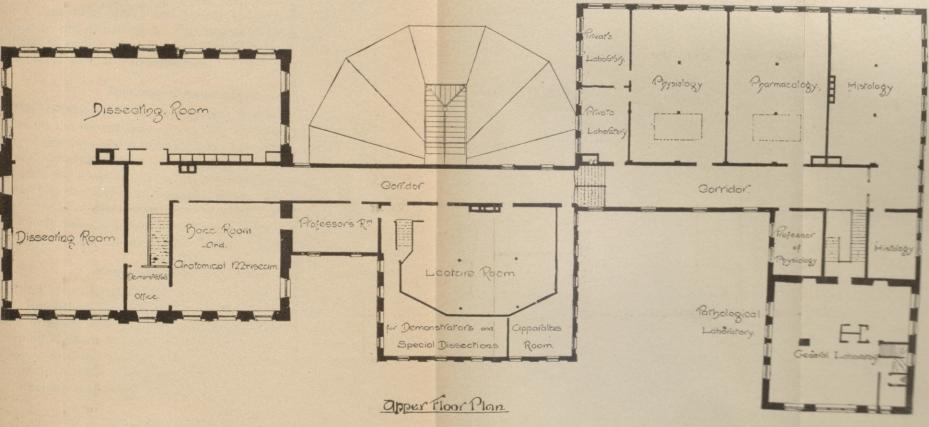
Three cloak rooms are provided in convenient portions of the building and in addition commodious lockers can be procured at a nominal rental. A large well lighted reading-room containing newspapers, magazines and the current medical journals, is provided in the new block, and is managed by the students themselves. The original library has been refitted as a reading-room for students desiring to avail themselves of the reference works in the library of the Faculty.

### Dissecting Room.

The Dissecting Room, which is situated on the second floor, is L shaped, one arm of which is 76 feet in length and 31 feet in breadth and the other arm 45 by 32 feet. It is supplied with thirty dissecting tables and over 200 specially constructed lockers, and is well lighted for work during the day and night.

In connection with the dissecting room, there is a Bone room, and Anatomical Museum where students have an excellent opportunity of studying osteology, frozen sections, anatomical models and dry preparations. In connection with the bone room is a small but well arranged museum of comparative osteology. There are also rooms for the demonstrators of anatomy.

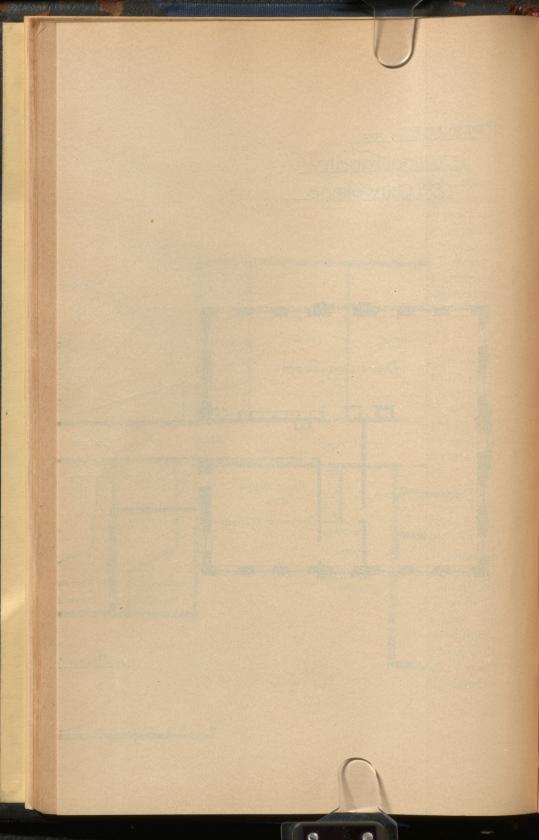
12 Gill Gollege



In 122ezzazine Floor

Hygiene, etc

badasi o p 7 p p 5



# Physiological Laboratories.

The new Physiological Laboratories, which are situated on the upper floor of the new building, are supplied with the most modern apparatus for the practical teaching of this most important branch of the medical curriculum. They consist of one large room forty-five by thirty-five feet for undergraduate work and two smaller ones for more advanced work and private research. In addition there is a room set apart for a consulting library and for the special use of the Professor of this department. The Students' laboratory is arranged in such a way as to permit of students assisting at, and taking part in demonstrations.

# Histological Laboratories.

The Histological Laboratory proper, is a large, well lighted room on the second floor of the new building. It is so arranged that over eighty students can be present at the microscopical demonstrations. It is supplied with 50 microscopes. Students are given special facilities for studying and making themselves thoroughly acquainted with the specimens that are the subjects of demonstration. In addition to the students' laboratory there is a smaller laboratory adjoining for the use of the professor and demonstrators and for special work.

# Pharmacological Laboratory.

The Pharmacological Laboratory is a large room 45 by 35 feet, situated on the second floor of the new building and is now furnished with the necessary appliances for the practical teaching of pharmacology. In this room is placed a teaching museum of drugs and pharmaceutical preparations arranged according to their physiological action, and tables arranged for teaching dispensing and the preparation of medicines.

# Chemical Laboratory.

The Chemical Laboratory is large, lofty, and lighted, from three sides. It can accommodate comfortably 124 men,

but only a much smaller number are allowed to work at one time. Each student, when entering on this course, has a numbered table in the laboratory assigned to him for his use during the session. Each table has its own gas and water fixtures, and is provided with shelves for its corresponding set of reagent-bottles, as well as a drawer and locker containing set of chemical apparatus especially adapted for the work. This apparatus is provided by the Faculty, and supplied to each student without extra charge. The student is only required to pay for apparatus broken or destroyed.

The laboratory is ventilated by an electric fan and fully equipped for the various courses of study giving the student unsurpassed advantages for acquiring a sound and practical knowledge of medical chemistry.

### Pathological Laboratories.

A large building of three stories, 47 by 40 feet, adjoining the College, recently acquired by the Fabulty, thanks to the generosity of the late Mr. J. H. R. Molson, constitutes the Pathological Laboratory; it has undergone extensive alterations to fit it for the purpose. The uppermost floor has been converted into a work-room for the osteologist and curator; the second floor is one large laboratory for classwork in Practical Pathology and Bacteriology; upon the floor beneath, are two laboratories for research, a preparation room, professor's private room and library, and culture rooms; while upon the ground floor are rooms for the attendant, for storage and for keeping animals.

### I.

### MATRICULATION.

I. REGULATIONS OF THE FACULTY OF MEDICINE OF McGill University.

Every Student before he can be enregistered as an undergraduate in Medicine, must present a certificate of having passed the Matriculation Examination of the Faculty of Medicine or Arts of this University, or of having passed some State or University examination accepted by this University.

Graduates in Arts of any recognized university and those who have passed the Entrance Examination of a Provincial Medical Council and thus become enregistered students in medicine of a province in Canada, are exempt from further preliminary examination.

Students from the United States who have passed a State or University examination fully equivalent to that required by this University, may at the discretion of the Faculty be admitted to study without further examination.

The Matriculation Examination of this University for Medicine is held twice each year, in May or June and September, at the same time as that for Arts and Science. (See Faculty almanac at beginning of this calendar.) The fee for this examination is five dollars payable on application to the Secretary of the University, W. Vaughan.

Papers for the spring examinations will be sent to local centres on application to the Acting Secretary. An additional fee of four dollars, to meet local expenses, will be charged for such examination.

The September examinations are held just before the lectures in Medicine begin. These are held in McGill College, Montreal, only, and at these examinations alternative books in Classics will be accepted.

The subjects for examination are Classics, Mathematics and English, and one of the optional subjects as below.

COMPULSORY SUBJECTS.

Examinations begin on May 29th, 1899, in McGill College and local centres; and on September 15th, 1898, in McGill College only.

Latin.—Cæsar, Bell. Gall. Books I. and II.; Virgil, Aeneid, Book I., and Latin Grammar.

In both Greek (when taken as an optional subject) and Latin, translation at sight and prose composition (sentences or easy narrative, based upon the prescribed prose text), will be required.

At the September examination, other works in Greek or Latin equivalent to those specified may be accepted, if application be made to the Secretary of the Examining board at least a fortnight before the day of examination.

Mathematics.—Arithmetic, Elementary rules, Vulgar and Decimal Fractions, Proportion, Percentage, Simple interest, etc. Square root, and a knowledge of the Metric System; Algebra, Elementary rules, Fractions, Factors, Equation of the First Degree, Indices, Surds and easy Quadratics; Problems leading to equations; Euclid's Elements, Books I., II., III., with easy deductions.

English.—Writing from Dictation. Grammar—A paper on English Grammar, including Analysis. The candidate will be expected to show a good knowledge of accidence, as treated in any grammar prepared for the higher forms of schools. A similar statement applies to grammatical Analysis, in which the nomenclature used by Mason will be preferred. The complete English Grammar published in Sonnenschein's Parallel Grammar Series may be regarded as giving the minimum amount of information expected. English History—Candidates will be required to give the chief details of leading events. While any text-book written for the upper forms of schools may

be used in preparation for the examination, Gardiner's Outline of English History (Longman's) is recommended. Composition—Candidates will write a short essay on a subject given at the time of the examination. Shakespeare's Richard II., ed Deighton (Macmillan), and Scott's Lady of the Lake, ed. Stuart (Macmillan).

OPTIONAL SUBJECTS.

(One only of these subjects is required.)

- I. French.—Grammar up to the beginning of Syntax. An easy translation from French into English, and from English into French; Dictation or similar exercise. Candidates are expected to be able to write French without gross mistakes in spelling or grammar, special credit will be given for evidence of familiarity with the spoken language.
- 2. German.—The first eighty pages of Joynes' German reader (or equivalent amount) together with German accidence and translation into German as in the First Part of Vandersmissen's German Grammar (or equivalent amount).
- 3. Greek.—Xenophon, Anabasis, Book I.; Greek Grammar.
- 4. Chemistry.—(As in Remsen's Elements of Chemistry, pages 1 to 160) and Physics (Gage, Introduction to Physical Science).

Candidates who at the examination for Associate in Arts have passed in the above subjects are admitted as Undergraduates.

Candidates who fail in one or more subjects at the June examination, or who have taken part only of the examination and present themselves again in the following September, will be exempted from examination in those subjects only in which the Examiners may have reported them as specially qualified.

Ontario Candidates.—At the June examination as well as the September one, candidates from Ontario may present an equivalent amount from the books prescribed for the Junior Matriculation Examination of the University of Toronto.

The Junior Leaving Examination accepted by the Universities of Ontario is accepted by the Faculty of Arts for those who purpose taking the double course of Arts and Medicine, in so far as the subjects of their programme satisfy the Examiners of the Faculty, *i.e.*, when the subjects taken are the same as, or equivalent to, those required in McGill University.

A. Matriculation Examination for those who wish to obtain a license to practice in England, India, or any other British Possession (Canada excepted.)

The Matriculation Examination in Medicine of this University, as described above, is accepted by the General Medical Council of Great Britain and Ireland. Graduates of this University desiring to enregister in England are thus exempted from any examination in preliminary education on production of the McGill Matriculation certificate together with a certificate that all the subjects of this Examination were passed at one time. Certificates of this University for attendance on lectures are also accepted by the General Medical Council.

B. Matriculation Examination for those who wish to obtain a license to practice in the Province of Quebec.

No University Matriculation Examination is accepted by the College of Physicians and Surgeons of this Province. Graduates in Arts of any British or Canadian University are however exempted from examination, on presentation of their Diplomas.

Those who pass the Preliminary Examination described below, or Graduates in Arts who enregister as students in the C. P. & S., Quebec, on beginning their studies in Medicine,

obtain on graduating from McGill University, a license to Practice in Quebec without further examination in any professional subject.

The requirements for this examination:

- LATIN.—Cæsar's Commentaries, Bks. I., II., III., IV. and V.—Virgil's Aeneid, Bks. I. and II.—The Odes of Horace, Bk. I., with a sound knowledge of the Grammar of the Language.
- ENGLISH.—For English-speaking candidates.—A critical know-ledge of one of Shakspere's plays, viz., Twelfth Night, for 1898, with English Grammar, as in Dr. Smith or Mason.

For French-speaking candidates.—Translation into French of passages from the first eight Books of Washington Irving's Life of Columbus, with questions of Grammar. Translation into English of extracts from Fénélon's Télémaque.

French.—For French-speaking candidates.—A critical knowledge of Molière's Le Bourgeois Gentilhomme, Fénélon's Aventures de Télémaque and La Fontaine's Fables, Books I., II., III., with questions of Grammar and Analysis.

For English-speaking candidates.—Translation into English of passages from Fénélon's Télémaque, with questions of Grammar. Translations into French of

easy English extracts.

Belles Lettres and Rhetoric.—Principles of the subject as in Haven's Rhetoric, or Boyd's Rhetoric and Literary Criticism. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, and of the 17th and 18th centuries of England and France.

HISTORY.—Outlines of the History of Greece and Rome, with particular knowledge of the History of Britain,

France and Canada.

GEOGRAPHY.—A general view, with particular knowledge of Britain, France and North America.

Arithmetic.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.

Algebra.—Must include Fractions and Simultaneous Equa-

tions of the First Degree.

GEOMETRY.—Euclid, Books I., II., III. and VI., or the portion of plane Geometry covered by those Books.

Also the measurement of the lines, surfaces and volumes, of regular geometrical figures.

CHEMISTRY.—Outlines of the subject as in Remsen's Ele-

ments of Chemistry.

BOTANY.—Outlines as in Gray's "How plants grow."

Physics.—Outlines as in Peck-Ganot's Physics.

Philosophy.—Elements of Logic as in Jevon's Logic; Elements of Philosophy, as in Professor Murrayi's Hand-book.

The Examinations will be held in September, 1898, at Quebec, and in June, 1899, at Montreal. (See almanac at front of this Calendar for exact date of examinations.) Applications to be made to Dr. A. T. Brosseau, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks required to pass in each subject.

Examination Fee, twenty dollars. Should the candidate be unsuccessful, one half of the fee will be returned.

Of the four years' study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation. Examination, and the final session must be in the fourth year.

# C. To obtain a license to Practice in Ontario.

Every one desirous of being registered as a matriculated medical student in the register of this College, except as hereinafter provided, must present to the Registrar the official certificate of having passed the "Departmental Pass Arts Matriculation Examination," and in addition Physics and Chemistry—whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts, in any University in Her Majesty's dominions, are not required to pass this examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications, and upon paying the fee of twenty dollars.

A certificate from the Registrar of any chartered University conducting a full Arts course in Canada, that the holder thereof matriculated prior to his enrolment in such University and passed the examination in Arts prescribed for students at the end of the first year, shall entitle such student to registration as medical student under *The Ontario Medical Act*.

Every medical student, after matriculating, shall be registered in the manner prescribed by the Council, and this shall be held to be the beginning of his medical studies, which shall date from that registration.

Full details may be obtained by application to Dr. R. A. Pyne, Registrar, Cor. Bay and Richmond St., Toronto.

# D. To practice in the Maritime Provinces.

The examination required by the Faculty of Medicine of this University is accepted in the provinces of Nova Scotia, New Brunswick, Prince Edward Island and Newfoundland, subject to the following conditions:

The Nova Scotia Medical Board requires that 60 per cent. of the required marks be taken, and that Physics be taken as the optional subject.

The New Brunswick Medical Board accepts the McGill Matriculation, as it is the same as that required for entrance to the Faculty of Arts.

The Prince Edward Island Medical Board has requirements identical with those of New Brunswick.

The Newfoundland Medical Board accepts the McGill Matriculation, as it is identical with the Arts Matriculation, but requires Physics in addition.

Students desiring ultimately to practice in any of these provinces should, when enregistered in the Faculty of Medicine, notify the Registrar of that province of the fact, and have their matriculation enregistered.

The Registrars are: For Nova Scotia, Dr. A. H. W. Lindsay, Halifax; for Newfoundland, Dr. J. Sinclair Tait, St. Johns; and for New Brunswick, Dr. G. H. Coburn, Fredericton, who will furnish all details of requirements, etc.

Special matriculation examinations are held annually in New Brunswick and Nova Scotia, at dates stated in the Almanac, at the beginning of this Calendar.

These examinations, as stated above, are accepted by this University as equivalent to its Matriculation Examination.

# E. To obtain license to practice in Manitoba.

An examination accepted by the University of Manitoba as equivalent to their matriculation, is required on entrance, and to obtain License an examination in Professional subjects is required. Dr. J. S. Gray of Winnipeg, Manitoba, is the Provincial Registrar.

# F. To obtain license to practice in North-West Territories.

No special matriculation standard is specified. Licensed practitioners of any of the other provinces are admitted to practice without examination.

Those not licensed to practice elsewhere in Canada are examined in professional subjects only. Dr. H. W. Bain, of Prince Albert, is Registrar of this Province.

# G. To practice in British Columbia.

No special standard of matriculation is specified.

All desiring a license must be graduates of some recognized medical school, and pass an examination in professional subjects only. Dr. C. J. Fagan, of New Westminster, is the Provincial Registrar.

### II.

### ENREGISTRATION.

The following are the University Regulations:—

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty.

The said Register shall be closed on the 22nd of October next, for the Session of 1898-99.

Fees are payable to the Registrar, and must be paid in advance at the time of enregistration.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec, provided the graduate from this university matriculated before the College of Physicians and Surgeons of Quebec, when entering on the study of medicine.

Any graduate therefore in medicine of this University, may obtain a license to practise in the Province of Quebec without further examination, if he has complied with the above-regulations.

### TIME TABLE FOR SESSION 1897-98.

Time Tables for the Session of 1898-99 will be issued to each student with his Lecture Room ticket on enregistration.

TIME TABLE OF FIRST YEAR LECTURES.

LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
Anatomy	9	9	9	9	9	{	Autumn & Winte Terms-No. I.
Physiology	4	4		4			No. I.
Chamistan		3		3	3	{	Autumn Term No.
Chemistry			2		2	{	Winter and 'pring Terms-No. III
Zoology		11		11			
Botany		11		11			Spring Term.
Laboratory Work.							
Practical Anatomy	10-121	10-121	10-121	10-121	10-121	9-121	
*Prac. Physiology			3-5				
*Prac. Histology	2-4				4-6	10-12	
*Prac. Chemistry.	9-11	9-11	9-11	9-11			Autumn Term.
*Prac. Botany	11-12		11-12		10-12		Spring Term.

\*Class taken in division.

### TIME TABLE OF SECOND YEAR LECTURES.

LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
Anatomy	9	9	9	9	9	{	Autumn & Winter Terms -No. I.
Physiology	2		2		2		No. I.
Chemistry	3		3		3		
Pharmacology and Therapeutics	4		4		4		No. I,
Laboratory Work.	10	10	10	10	10	10	
	12.30	12.30	12.30	12.30	12.30	12.30 {	Autumn & Winter Terms.
† Prac. Chemistry	9-11	9-11	9-11	9-11	9-11	9-11	Spring Terms,
†Prac. Physiology.		2-4		2-4			

†Half the class only, Note—Students of the second year when not engaged in the laboratories are required to attend the Out Patients' Clinics (only) of M. G. H. or R. V. H. (11 a.m. to 1 p.m.); at-tendance to average two hours per week. Certificates required for graduation.

### TIME TABLE OF THIRD YEAR LECTURES.

LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
Gynæcology	9			9			II
and Obstetrics				1000			11
Medicine		10	*11-12	10			III
Surgery	10		*12-1		10		III
Jurisprudence )				and the		STATE OF THE PARTY	
and }	11			11			II
Mental Diseases)	33.83	ALC: NO.					
Pharmacology )						3000	
and }		11			11		III
Therapeutics)						1000	
Gen. Pathology	5		9				III
and Bacteriology.							
Hygiene		9			9		III
Morbid Anatomy						*9-11	
Clinical		1 p.m.					
Medicine		MGH		RVH			
Clinical	2 p.m.				1 p.m.		
Surgery					MGA		(
Practical Pathology		4-6	4-6	4-6	4-6		Path. Lab, Winter
Clinical and							
Sanitary		4-6	4-6	4-6	4-6		Chem. Lab. Autumn
Chemistry)	27374		10-10-1				
Bacteriology		4-6	4-6	4-6	4-6		Path. Lab. Autumn
and Hygiene		10	10	10	1 4 0		
+Clinical Microscopy		4-6	4-6	4-9	4-6		Path. Lab. Spring
†Operative Surgery		4-6	4-6	4-6	4-6		Anat. Lab. Spring

\*Alternate weeks M.G.H. and R.V.H. †Optional. †Classes taken in groups.

### TIME TABLE OF FOURTH YEAR LECTURES.

LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
lynæcology		9					II
Obstetrics			9		11		II
Medicine			†11-12	10			III
urgery	. 10				10		III
Ied. & Surg. Pathology				9			iii
Out Patients'		11 10	*****	44.30	11 10		R.V.H.
		11-12 12-1	11-12 12-1	11-12 12-1	11-12	11-12	M.G.H.
Clinics	12-1	12-1	12-1	12-1	2		R.V.H.
Medicine	1				-		M.G.H.
linical		1					M.G.H.
Surgery				2			R.V.H.
ynæcological		44					R.V.H.
Operations		11					
Clinical	4		4				M.G.H.
Ophthalmology		4			4		R.V.H.
Gynæcological (		4		4			M.G.H.
Clinics				4			R.V.H.
lorbid Anatomy						‡9-11	Mater-
linical						1-2.30	nity Hosp.
Obstetrics			2		TOTAL		M.G.H.
Dermatological Clinic			2				R.V.H.
Diseases of Chil-						0	
dren Clinic		4			4		M.G.H.
Laryngology					4		M.G.H.
ledical and Surgical							Autumn term.
Anatomy	5						
hildren's Diseases	5		THE REAL PROPERTY.	ALC: NO PERSON NAMED IN	1000		Winter term.

<sup>\*</sup>In groups of eight or ten. †In groups of four. ‡Alternate weeks M.G.H. and R.V.H

### III.

# COURSES OF LECTURES.

The Corporation of the University, on the recommendation of the Faculty of Medicine, in 1894, consented to the extension of the courses of lectures in medicine over a period of about nine months instead of six.

By this means, (1) The students of the primary years have a more ample opportunity of becoming acquainted, by laboratory work, with those branches of study which form the scientific basis of their profession, and (2) the final students will be able to derive the greatest benefit from the abundance of clinical material provided in the two Hospitals.

By this arrangement while the actual number of didactic lectures per session will be decreased, there will be a corresponding increase in the amount of tutorial work and individual teaching in the laboratories for Chemistry, Physiology, Anatomy, Pathology and Hygiene as well as giving more time, during the last two years of the course, for the thorough study of disease in the wards of the Royal Victoria and Montreal General Hospitals.

The Faculty expects, by thus increasing the time that the different professors, lecturers and demonstrators devote to each student, to accomplish two very important ends: First, to do away with the injurious effects which result from attempting to condense the teaching of medicine and surgery into four or even five sessions of six months; Second, to give each student a sounder and more thoroughly practical knowledge of his profession than could be obtained by attending during even five sessions of six months each.

### ANATOMY.

(DESCRIPTIVE AND PRACTICAL).

PROFESSOR, FRANCIS J. SHEPHERD.

J. M. Elder and J. A. Springle, Lecturers; J. G. Mc-Carthy, Senior Demonstrator; R. Tait MacKenzie, J. A. Henderson, W. I. Bradley, J. J. Ross, and A. E. Orr, Demonstrators.

Anatomy is taught in the most practical manner possible, and its relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

A course of practical demonstrations in Medical, Surgical and Topographical Anatomy is also given in the final year of the course.

The department of *Practical Anatomy* is under the direct control and personal supervision of the Professor of Anatomy, assisted by his staff of Demonstrators.

The methods of teaching are similar to those of the best European schools, and Students are thoroughly grounded in this branch.

Every Student must be examined at least three times on each part dissected, and no certificate is given unless the examinations are satisfactory.

Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Prizes are awarded at the end of the Session for the best examination on the fresh subject.

The Dissecting Room is open from 8 a.m. to 6 p.m. Abundance of material can be obtained, owing to the Anatomy Act of the Province of Quebec.

### CHEMISTRY.

PROFESSOR, GILBERT P. GIRDWOOD.

The course in this subject is carefully graded. Students of the first year receive lectures on Chemical and Physiological Physics and the general principles and theories of the science. In the second year the course on chemistry is extended to embrace its application to physiology and medicine, and includes a course in Organic Chemistry. The lectures are fully illustrated by experiments, for which the department is equipped with all modern Lecture-room apparatus.

### PRACTICAL CHEMISTRY.

PROFESSOR, R. F. RUTTAN.
DEMONSTRATOR, C. G. L. WOLF.
LABORATORY ASSISTANT, CHARLES STEVENSON.

Laboratory instruction in practical chemistry is given during each of the first three years of study thoughout one term.

The first year's course illustrates the general principles of chemical action and the properties of typical elements. During the second year the course will include methods of qualitative analysis and the detection of poisons. In the third year a course of clinical and sanitary chemistry will be given, in which the student will be made familiar with the application of chemistry to the diagnosis and prevention of disease. Special attention is directed to instructing the student in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticised.

#### PHYSIOLOGY.

The JOSEPH MORLEY DRAKE, PROFESSOR, —WESLEY MILLS.

LECTURER, W. S. MORROW.

DEMONSTRATORS, J. W. SCANE and A. A. ROBERTSON.

The purpose of this Course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology: its methods, its deductions, and the basis on which the latter rest. Accordingly a full course of lectures is given, in which the physical, the chemical and other aspects of the subject receive attention.

In addition to the use of diagrams, plates, models, etc., every department of the subject is experimentally illustrated.

The experiments are mostly free from elaborate technique, and many of them are of a kind susceptible of ready imitation by the Student.

# Laboratory work for Senior Students:-

- (I.) During a part of the Session there will be a course on Physiological Chemistry, in which the Student will, under direction, investigate food stuffs, digestive action, blood, and the more important secretions and excretions including urine. All the apparatus and material for this course will be provided.
- (2.) The remainder of the Session will be devoted to the performance of experiments which are unsuitable for demonstration to a large class in the lecture room, or that require the use of elaborate methods, apparatus, etc., together with such as each individual of the class can himself conduct.

# Laboratory work for Junior Students:-

This will be somewhat similar to the course for senior students, but simpler and anatomico-physiological rather than chemical; like the work for second year students its main object will be the illustration of important physiological principles.

#### HISTOLOGY.

PROFESSOR, GEO. WILKINS. DEMONSTRATOR, N. D. GUNN.

The teaching of Histology and Microscopical methods is spread over two years.

During the latter half of the first year a course of ten demonstrations is given upon elementary Histology and systematic Histology up to, and including the digestive system. During the second year fifteen or twenty demonstrations will be given upon the whole of Histology. The practical instruction upon the preparation and mounting of specimens is given during the first year. Examinations both practical and written will be held at the end of both first and second years.

### PHARMACOLOGY AND THERAPEUTICS.

PROFESSOR, A. D. BLACKADER. DEMONSTRATOR, R. A. KERRY.

The lectures on this subject are graded in the following manner:

During the primary course, attention is directed chiefly to Pharmacology, including the important chemical and physical properties of the various drugs, and a brief consideration of their physiological action; therapeutics is considered only in outline. A complete museum of Materia Medica affords the student opportunity for making himself acquainted with the drugs themselves. During the session, a course of demonstrations on Practical Materia Medica and Pharmacy is given.

During the final course, the physiological action of drugs is dwelt upon at length, and attention is given to the therapeutic application of all drugs and remedial measures. Prescription writing, and the various modes of administering drugs are explained and illustrated. During the course a series of lectures will be delivered in the theatres of the hospitals on special cases or groups of cases, illustrating important points in both general and special Therapeutics.

#### MEDICINE.

PROFESSOR, JAMES STEWART.

ASSISTANT PROFESSORS, { F. G. FINLEY. H. A. LAFLEUR. LECTURER, C. F. MARTIN.

DEMONSTRATORS, { G. GORDON CAMPBELL. W. F. HAMILTON.

ASSISTANT DEMONSTRATOR, S. RIDLEY MACKENZIE.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the general laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of

the body, except those peculiar to women and children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Professor of Pathology.

The College possesses an extensive series of Anatomical plates and models illustrative of the Histological and Anatomical appearances of disease, and the wards of the General and Royal Victoria Hospitals afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to demonstrate the results of treatment.

### CLINICAL MEDICINE.

PROFESSOR, JAMES STEWART.

ASSOCIATE PROFESSORS, F. G. FINLEY and H. A. LAFLEUR.

LECTURER, C. F. MARTIN.

The instruction in Clinical Medicine is conducted in the theatres, wards, out-patient rooms and laboratories of the Royal Victoria and Montreal General Hospitals.

The courses include :-

I. The reporting of cases by every member of the Graduating Class, a certain number of beds being assigned to each student.

II. Bedside instruction for members of the Graduating Class.

III. Two Clinics weekly in each hospital.

IV. Tutorial instruction for the Junior Classes, in the wards and out-patient rooms of both hospitals.

V. Instruction in Clinical Chemistry and Bacteriology.

#### SURGERY.

This course consists of the Principles and Practice of Surgery and Surgical Pathology, illustrated by a large collection of preparations from the Museum, as well as by specimens

obtained from cases under observation at the Hospitals. The greater part of the course however is devoted to the Practice of Surgery, in which attention is constantly drawn to cases which have been observed by the class during the session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form special departments of this course.

### CLINICAL SURGERY.

PROFESSOR, JAMES BELL.

ASSOCIATE "GEORGE E. ARMSTRONG. DEMONSTRATORS, KENNETH CAMERON and A. E. GARROW.

The teaching in Clinical Surgery is conducted at the Mont-real General and Royal Victoria Hospitals.

I. In the amphitheatre of each of these Hospitals, demonstrations are given and operations are performed before the senior and junior classes on alternate days.

II. Small ward classes of about 10 men in each are taken through the wards by the surgeon in attendance, and instruction given at the bedside concerning the nature and management of surgical cases, in each hospital, at least once per week.

III. Beds are assigned to students in rotation, and each student is required to carefully study and report cases and to assist in the surgical dressing of the same. Certificates of case reporting are given and are essential for graduation.

IV. In the Out-patient Department students have an exceptionally good opportunity to study a great variety of injuries, to witness operations in minor surgery, to come into personal contact with patients and to take part in the application of a variety of surgical dressings and appliances.

### OBSTETRICS AND DISEASES OF INFANTS.

PROFESSOR, J. CHALMERS CAMERON.
DEMONSTRATOR, D. J. EVANS.

ASSISTANT DEMONSTRATORS, T. P. SHAW.

JAMES BARCLAY.

This course will embrace: I. Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and

preserved specimens, the artificial pelvis, complete sets of models illustrating deformities of the pelvis, wax preparations, bronze mechanical pelvis, &c. 2. Bedside instruction in the Montreal Maternity, including external palpation, pelvimetry, the management and after-treatment of cases. 3. A complete course on obstetric operations with the phantom and preserved fœtuses. 4. The diseases of Infancy.

5. A course of individual clinical instruction at the Mont-real Maternity.

Arrangements have now been made for a graded course in Obstetrics, instruction being given separately to third year and final students.

Particular attention is given to Clinical instruction, and a Clinical examination in Midwifery similar to that held in Medicine and Surgery now forms part of the final examination.

A short course of lectures on diseases of infancy is given, supplemented by Clinical demonstration and ward work.

### GYNÆCOLOGY.

PROFESSOR, WM. GARDNER.
LECTURERS, F. A. L. LOCKHART and J. C. WEBSTER.

The didactic course is graded and consists of from forty to forty-five lectures given at intervals alternating with the lectures on Obstetrics and extending throughout the session. The anatomy and physiology of the organs and parts concerned is first discussed. Then the various methods of examination are fully described, the necessary instruments exhibited, and their uses explained.

The diseases peculiar to women are considered as fully as time permits, somewhat in the following order:—Disorders of Menstruation; Leucorrhœa; Diseases of the External Genital Organs; Inflammations, Lacerations and Displacements of the Uterus; Pelvic Cellulitis and Peritonitis and Inflammations of the Ovaries and Fallopian Tubes; Benign and Malignant growths of the Uterus; Tumours of the Ovary;

Diseases of the Bladder and Urethra. The lectures are illustrated as fully as possible by drawings and morbid specimens.

Clinical teaching, including out-patient and bed-side instruction, is given at both Royal Victoria and Montreal General hospitals by Professor Gardner and Doctors Lockhart and Webster. A large amount of Clinical material is thus available for practical instruction in this department of medicine. Numerous operations are done before the class, and made the subject of remarks. In addition to the ward-patients each hospital conducts a large out-patient Gynæcological Clinic to which advanced students are admitted in rotation and instructed in digital and bimanual examination and in the use of instruments for diagnosis.

Particular attention is thus given to Clinical instruction, and a Clinical examination in Gynæcology similar to that held in Medicine and Surgery now forms part of the final examination.

### MEDICAL JURISPRUDENCE.

PROFESSOR, GEO. WILKINS,
LECTURER ON MENTAL DISEASES, J. W. BURGESS.
LECTURER ON MEDICO-LEGAL PATHOLOGY, WYATT JOHNSTON.

This course includes Insanity, the subject being treated of in its Medical as well as Medico-Legal aspects. Special attention is devoted to the subject of blood stains, the clinical microscopic and spectroscopic tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shown by the Microspectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-

mortem appearances, and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the class. A series of demonstrations and Clinics will be given by Prof. Johnston on the Medico-Legal cases, arising out of the coroner's court, as well as those in the Montreal General Hospital. In this way Students will have practical clinical instruction in methods of Medico-Legal investigation in civil as well as in criminal cases.

### OPHTHALMOLOGY AND OTOLOGY.

PROFESSOR, JAMES BULLER. LECTURER, J. J. GARDNER.

This will include a course of twenty-five lectures on diseases of the Eye and Ear, both didactic and clinical. In the former, the general principles of diagnosis and treatment will be dealt with; including three lectures on the errors of refraction and faults of accommodation. At the clinical lectures given in the Hospitals cases illustrative of the typical forms of ordinary diseases of the Eye and Ear will be exhibited and explained to the class. In the out-patients' department of each Hospital students have excellent opportunities of gaining clinical experience.

### BIOLOGY.

D. P. PENHALLOW, PROFESSOR BOTANY. E. W. MACBRIDE, "ZOOLOGY.

This course will be given during the Autumn term of the first session, and will be almost entirely practical.

The course will consist of Zoology and Botany.

A. Zoology. This course will embrace a comparative study of the following forms Amœba, Vorticella, Hydra, Lumbricus, Cambarus (cray fish), Unio and Mustelus, as the last type is the most important an extra allowance of time will be devoted to it.

B. Botany. The following types will be studied:—A Myxomycete, Bacillus, Yeast, Pleurococcus, Fucus, Polytrichum, Pteris, Selaginella, with a comparison of allied forms. The course is especially arranged to be introductory to the study of human physiology and anatomy.

### PATHOLOGY.

The SIR DONALD SMITH, PROFESSOR, - J. G. ADAMI.

 $DEMONSTRATORS. \left\{ \begin{array}{l} W. \ I. \ BRADLEY. \\ A. \ G. \ NICHOLS. \end{array} \right.$ 

ASSISTANT DEMONSTRATORS, Y D. D. MACTAGGART, D. P. ANDERSON.

LABORATORY ASSISTANT, E. W. HAMMOND.

The following courses constitute the teaching on this subject:—

I. A course of General Pathology for Students of the Third Year (optional for those of the Fourth). Lectures are delivered twice weekly throughout the year.

2. A course of demonstrations in the performance of Autopsies, for Students of the Third Year. The demonstrations are held once a week, from October until Christmas.

3. Demonstrations upon the Autopsies of the week for Students of the two Final Years. These are given during the session by Dr. Adami at the Royal Victoria Hospital, and by Dr. Wyatt Johnston at the General Hospital.

# Practical Courses.

4. The performance of autopsies. Each student is required to take an active part in at least six autopsies. The autopsies are conducted at the General and Royal Victoria Hospitals by the Pathologists of these Hospitals and their assistants. In addition to the actual performance of the sectio cadaveris, students are expected to attend the practical instruction given in connection with each autopsy, in the method of preparation and microscopic examination of the removed tissues, so as to become proficient in methods of preparation, staining and mounting.

5. A practical course in Morbid Histology for Students of the Third Year. This class is held once a week during the winter months. Six sections are as a rule distributed at each meeting of the class so that each student obtains a large and representative series of morbid tissues, and upon an average twenty minutes are devoted to the description and examination of each specimen. Laboratory fee to cover cost of slides, reagents, microscope, etc., \$5.

6. A course of demonstrations upon Morbid Anatomy (Museum specimens) once weekly during the winter months,

for students of the Fourth Year.

In addition to the above the staff of the department give instruction to the more advanced students who desire to undertake any special work in the laboratories. Classes in clinical pathology and microscopy are given from time to time, at the Pathological Laboratory and at the General and Royal Victoria Hospitals under the direction of the Professors of Clinical Medicine.

# DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE.

The SIR DONALD SMITH, PROFESSOR, — ROBT. CRAIK.

PROFESSOR, ROBT. CRAIK.

SANITARY PHYSICS | PROF. ROBT. CRAIK.

AND CHEMISTRY. | PROF. R. F. RUTTAN.

BACTERIOLOGY AND | PROF. J. G. ADAMI.

PROF. WYATT JOHNSTON.

PREVENTIVE MEDICINE | DR. H. B. YATES.

The Department of Public Health and Preventive Medicine has, owing to its endowment by Sir Donald A. Smith, been made one of the most important subjects of the third year.

The instruction will consist of two lectures per week, for the whole session. A systematic course in Bacteriology and Preventive Medicine, including Serum Therapy, will be followed by courses on the sanitary relations of water, soil, food and air, the use and relative value of disinfectants, domestic sanitation, including plumbing, heating, ventilation, the construction of habitations, etc., and will be illustrated by models and special apparatus. Lectures will also be given on personal hygiene, including bathing, exercise, etc., and on climate and health resorts. In addition to the course of systematic lectures, laboratory courses will be given in the Pathological and Chemical laboratories on Bacteriology, clinical and sanitary Chemistry. The laboratory work will extend over a period of three months and will be given twice weekly.

A working museum and model room is being equipped with working models and apparatus to illustrate the application of hygienic principles. Demonstrations will be given in the hygienic museum from time to time as required. (See Museums.)

#### LARYNCOLOGY AND RHINOLOGY.

PROFESSOR, H. S. BIRKETT.

This course will consist of practical lessons in the use of the Laryngoscope and Rhinoscope. The instruction will be carried on with small classes so that individual attention may be insured. A limited number of clinical lectures bearing upon interesting cases attending the clinic will be delivered during the session. These lectures will be, however, of an eminently practical nature.

#### MENTAL DISEASES.

LECTURER, T. J. W. BURGESS.

This course will comprise a series of lectures at the University on Insanity in its various forms, from a medical as well as from a medico-legal standpoint. The various types of mental diseases will be illustrated by cases in the Verdun Asylum, where clinical instruction will be given to groups of senior students at intervals throughout the session.

#### DISEASES OF INFANTS AND CHILDREN.

PROFESSORS, J. C. CAMERON.
A. D. BLACKADER.

Although this subject does not constitute a special chair in the University, systematic instruction is given (a) in connection with the chair of Obstetrics and Diseases of Infants, by Prof. Cameron; (b) by a course of lectures, clinical and didactic by Prof. Blackader, and (c) through the Children's Clinic at the Montreal General Hospital and at the Infants' Home.

IV.

#### DOUBLE COURSES.

By special arrangement with the Faculty of Arts, it is now possible for students to obtain the double degree of B.A., and M.D., C.M., after only six years of study.

It has been decided to allow the Primary subjects (Anatomy, Physiology and Chemistry) in medicine to count as Honor subjects of the third and fourth years in Arts. It follows then that at the end of four years study a student may obtain his B.A. degree and have two years of his medical course completed.

The remaining two years of study are devoted to the third and fourth year subjects in Medicine.

The special provisions for Medical Students in the Arts course are as follows:

In the Second Year.—The remaining half of the Course in Chemistry of the Medical Faculty may be substituted for the Psychology of the First Term and the Mathematical Physics of the Second Year. The Botany Course of the Medical Faculty may be substituted for the Botany in the Arts Course.

[Note.—The Faculty of Medicine advises Medical Students who are following the Courses in Arts prescribed for the double degree, to take the subject of Psychology if possible.]

Third Year.—Physiology and Histology with practical work therein, or Anatomy with Practical Anatomy, together with

the regular examinations therein in the Faculty of Medicine, may be substituted for two courses under the heading of "Division b" in the curriculum of the Third Year in Arts.

[Note.—If a special course of Physics for Medical Students should be established, Natural Philosophy may not be compulsory.]

Fourth Year.—Students who have completed the Third Year in Arts and First Year in Medicine shall have the same privileges in the Fourth Year as Honour Students in this year, viz., they shall be required to attend two only of the courses of lectures given in the ordinary departments (or one course with the additional course therein), and to pass the corresponding examinations only at the Ordinary B. A. Examination.

Students are recommended in the Third and Fourth Years to continue the study of subjects which they have already taken in the First and Second Years.

In order to obtain the above privileges, the student must give notice at the commencement of the Session to the Dean of the Faculty of Arts, of his intention to claim them, and present a certificate from the Registrar of the Medical Faculty that his name is entered on the books of that Faculty. He must produce at the end of the sessions in the first two years a certificate of attendance on the required lectures and of standing at the corresponding examinations. In the Third and Fourth Years, he must produce certificates that he has completed each year of the Medical curriculum.

A certificate of Licentiate in Arts will be given along with the professional degree in Medicine to those who, previous to entrance upon their professional studies proper, have completed two years in the Faculty of Arts, and have duly passed the prescribed examinations therein

## GRADUATE AND ADVANCED COURSES.

The Faculty of Medicine in 1896 established post-graduate and special courses in connection with the Montreal General and Royal Victoria Hospitals and the various laboratories in the University buildings. These courses will be continued in 1899.

There will be two distinct sets of courses, one a short practical and clinical course for medical men in general practice who desire to keep in touch with recent advances in Medicine, Surgery and Pathology, and who wish special clinical experience in Gynæcology, Ophthalmology, Laryngology, etc. This course will last about six weeks, beginning about the first of May.

A special detailed programme will be prepared and will be sent on application in February next. The fee, including hospital fees for both Hospitals, is fifty dollars.

The other courses will be for those who have just completed their regular course in Medicine, and desire special Laboratory or Clinical teaching before beginning practice.

Arrangements have also been made to accommodate a limited number of such graduates who desire advanced and research work.

Commodious laboratories for advanced work have been equipped in connection with the Pathological and Clinical departments of both the Royal Victoria and Montreal General Hospitals, and in connection with the general laboratories for Pathology, Physiology and Chemistry, recently altered and extended in the new buildings of the Faculty.

Recent graduates of recognized universities desiring to qualify for examinations by advanced laboratory course, or who wish to engage in special research, may enter at any time by giving a month's notice, stating the courses desired and the time at their disposal.

All the regular clinics and demonstrations of both hospitals will be open to such students on the same conditions as undergraduates in medicine of this University.

These laboratories have been open for graduates since May 1st, 1896.

Further details regarding courses, fees, etc., may be obtained on application to the Registrar.

### THE GRADUATE COURSE OF 1898.

The Faculty of Medicine of McGill University has just completed its third Post-Graduate Course. This course of instruction which was given in the various departments of Medicine and Surgery is especially arranged to meet the requirements of the general practitioner who is unable to devote more than a few weeks to the task of overtaking the more recent advances in his profession. The course began May 3rd, 1898 and closed June 12th.

A special time-table was issued each week stating the hour at which each clinic or demonstration is held, and the laboratory or hospital at which it is held. This time-table was subject to alterations to meet the special demands of those attending the course.

The following is an outline of the course:-

A.—A series of **Evening Lectures**, four evenings per week, at 8.30, illustrated by lantern slides, models, etc., as required, wese given on the more recent advances in Medicine and Surgery, Pathology, etc. These included the following:—

Prof. Wm. Gardner.—Uterine displacements.

PROF. JAS. STEWART.—(I) "Diagnosis and treatment of Tabes Dorsalis." (2) "The cause, diagnosis and treatment of Compression Myelitis."

Prof. T. G. Roddick.—"Diagnosis and treatment of Tuberculous Joints."

PROF. F. J. SHEPHERD.—"Hare Lip."

Prof. A. D. Blackader.—(1) "Diarrhœal disorders of Infancy." (2) "Digestion disorders of Infancy." (3) "Diseases of Nutrition."

Prof. G. E. Armstrong.—(1) "Cancer of tongue, its diagnosis, and the extent and technique of removal." (2) "Appendicitis."

Prof. Geo. Wilkins.—"The duties of a Medical Examiner in Life Insurance" (two lectures).

Prof. Jas. Bell.—"Intestinal obstruction" (two lectures.")
Prof. Wyatt Johnston.—"The Medico-Legal Relation of Injuries."

Prof. J. G. Adami.—A course of lectures on the relation of one diseased organ to another and to the whole organism, also two lectures on Cirrhosis of the Liver.

Prof. F. G. Finley.—"Tuberculosis of the Pleura and

Peritoneum" (two lectures).

B. General Clinics.—The afternoons of each day were devoted to Clinical Work in the Wards of the Montreal General and Royal Victoria Hospitals. Clinics in General Surgery were given by Professors Shepherd and Bell; and in General Medicine by Professors Jas. Stewart, Blackader, Lafleur and Finley.

These Clinics were given on four days of each week and

were usually followed by a special Clinic.

The afternoons of the remaining two days, in addition to those which were given in the morning, were occupied entirely by one or more of the following Special Clinics:—

C. **Special Clinics**.—In Ophthalmology, including diseases of the Conjunctiva, Iris, Cornea, and Retina, at the Royal Victoria by Prof. Buller; and at the Montreal General Hospital by Dr. J. J. Gardner. Special instruction in the use of the Ophthalmoscope was also given.

In Gynæcology, at the Royal Victoria Hospital, by Prof. Wm. Gardner, and at the Montreal General Hospital by

DR. LOCKHART.

In Laryngology and the use of the Laryngoscope, at the Montreal General Hospital, by Prof. Birkett.

In external palpation and aseptic midwifery, at the Mont-

real Maternity Hospital, by Prof. J. C. CAMERON.

In diseases of Children, at the Montreal General Hospital, by Prof. A. D. Blackader and Dr. G. G. Campbell.

In Dermatology, at the Montreal General Hospital, by Prof. Shepherd.

In diseases of the Genito-Urinary Organs, at the Royal Victoria Hospital, by Prof. J. Bell.

In Orthopædics, at the Montreal General Hospital, by Dr. C. W. Wilson.

In the mornings, two or more of the following Special Demonstrations, Laboratory Courses or Laboratory Demon-

strations, were given.

D. **Special Demonstrations.**— One or more as required, on modern treatment of Diphtheria, Prof. Finley; Pelvimetry and Aseptic Midwifery (at Montreal Maternity Hospital), Prof. J. C. Cameron; Mental Diseases (at Verdun Asylum), Dr. T. J. W. Burgess; Medico Legal Autopsy Methods, etc., Dr. Wyatt Johnston; Clinical Application of the Roentgen Rays, Prof. Girdwood, etc. Treatment of curved spine by exercise, Dr. Tait Mackenzie.

E. Laboratory Courses.—For which a small extra fee was charged to cover the cost of material. These courses included:—Operative Surgery, Prof. Armstrong; Clinical Bacteriology, Prof. Adami; Clinical Microscopy of Dejecta and Blood, Dr. C. F. Martin; Clinical Chemistry, Prof. Ruttan: Post Mortem Methods, Prof. Wyatt Johnston,

etc.

E. Laboratory Dem onstrations.—Morbid Anatomy, Prof. Adami; Medical and Surgical Anatomy, Dr. J. M. Elder and Dr. McCarthy; Microscopical Methods, Dr. Gunn; Urinalysis, Prof. Ruttan. Practical Methods in Legal Medicine and Hygiene, including Autopsy Methods; Examination of Blood Stains; Disinfection Methods; Employment of cultures and inoculation methods for diagnosis, including serum diagnosis of typhoid, etc., Prof. Wyatt Johnston.

Members of the Profession who purpose attending in 1899 are requested to communicate with the Registrar on or before May 1st next.

69 VI. QUALIFICATIONS FOR THE DEGREE.\*

No one entering after September, 1894, will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of four nine months' sessions in this University, or some other University, College or School of Medicine, approved of by this University.

2nd. Students of other Universities so approved and admitted, on production of certificate to a like standing in this University, shall be required to pass all Examinations in Primary and Final Subjects in the same manner as Students of this University.

3rd. Graduates in Arts who have taken two full courses in General Chemistry, including Laboratory work, two courses in Biology, including the subjects of Botany, Embryology, Element ary Physiology and dissection of one or more types of Vertebrata, may, at the discretion of the Faculty, be admitted as second-year Students, such courses being accepted as equivalent to the first-year in Medicine. Students so entering will however, not be allowed to present themselves for examination in Anatomy until they produce certificates of dissection for two sessions.

4th. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz:

ANATOMY PRACTICAL ANATOMY. PHYSIOLOGY. CHEMISTRY.

PHARMACOLOGY AND THERAPEUTICS. PRINCIPLES AND PRACTICE OF SUGERY. OBSTETRICS AND DISEASES OF INFANTS. GYNÆCOLOGY

THEORY AND PRACTICE OF MEDICINE.

CLINICAL MEDICINE. CLINICAL SURGERY.

MEDICAL JURISPRUDENCE. GENERAL PATHOLOGY HYGIENE AND PUBLIC HEALTH. PRACTICAL CHEMISTY. OPHTHALMOLOGY AND OTOLOGY.

BIOLOGY HISTOLOGY. PATHOLOGICAL ANATOMY.

BACTERIOLOGY

MENTAL DISEASES.

PEDIATRICS.

MEDICAL AND SURGICAL ANATOMY.

Of which Two full Courses will be required.

Of which One full Course will be required.‡

Of which One Course will be required.

It shall be understood that the programme and regulations regarding courses of study and examinations contained in this calendar hold good for this calendar year only, and that the Faculty of Medicine, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole four years of a student's course, to the conditions now laid down.

<sup>†</sup> Students enregistered in the Province of Quebec are required to attend and pass examinations in Laryngology and Minor Surgery.

Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted.

He must also produce Certificates of having assisted at six Autopsies, of having dispensed Medicine for a period of three months, and of having assisted at twenty Vaccinations.

5th. Courses of less length than the above will only be received for the time over which they have extended.

6th. No one will be permitted to become a Candidate for the degree who shall not have attended at least one full Session at this University.

7th. The Candidates must give proof of having attended during at least eighteen months the practice of the Montreal General Hospital or the Royal Victoria Hospital or of some other Hospital of not fewer than 100 beds, approved of by this University. Undergraduates are required to attend the Out-Patient departments of the Hospitals during their second year.

8th. He must give proof of having acted as Clinical Clerk for six months in Medicine and six months in Surgery in the wards of a general hospital recognized by the Faculty, of having reported at least 10 medical and 10 surgical cases.

9th. He must also give proof by ticket of having attended for at least nine months the practice of the Montreal Maternity or other lying in-hospital approved of by the University, and of having attended at least six cases.

10th. Every candidate for the degree must, on or before the 15th day of May, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty an affirmation or affidavit that he has attained the age of twenty-one years.

11th. The trials to be undergone by the Candidate shall be in the subjects mentioned in Section 4.

12th. The following oath of affirmation will be exacted from the Candidate before receiving his degree:

#### SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A—B—, Doctoratus in Arte Medica titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo:—me in omnibus grati aoimi officiis erga hanc Universitatem ad extremum vitæ halitum perseveraturum; tum poro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem corducentia cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita praesens mihi spondenti adsit Numen.

13th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination.

#### VII.

#### **EXAMINATONS.\***

Frequent oral examinations are held to test the progress of the Student, and occasional written examinations are given throughout the Session.

The Pass and Honor examinations at the close of each Session are arranged as follows:—

#### First Year.

Examinations in Botany or Zoology, Histology, Physiology, Anatomy, Chemistry Theoretical and Practical.

Students who have taken one or more university courses in Botany or Chemistry before entering may be exempted from attendance and examination. Students exempted in their first year subjects are allowed only a pass standing, but may present themselves for examination if they desire to attain an hohor standing.

#### Second Year.

Examinations in Anatomy, Chemistry, Practical Chemistry, Physiology, Histology, Pharmacology and Therapeutics.

#### Third Year.

Examinations in Pharmacology and Therapeutics, Medical Jurisprudence, Public Health and Preventive Medicine (including Bacteriology), General Pathology, Mental Diseases, Clinical Chemistry, Obstetrics, Medicine and Surgery.

<sup>\*</sup> See foot Note \*, page 69.

#### Fourth Year.

Examinations in Medicine, Surgery, Obstetrics, Gynæcology, Ophthalmology, Clinical Medicine, Clinical Surgery, Clinical Obstetrics, Clinical Gynæcology, Clinical Ophthalmology and Practical Pathology.

By means of the above arrangement a certain definite amount of work must be accomplished by the student in each year, and an equitable division is made between the Primary and Final branches.

A minimum of 50 per cent. in each subject is required to Pass and 75 per cent. for Honors.

Candidates must pass in all the subjects of each year, those who fail to pass in not more than two subjects of either the first, second or third years may be granted a supplemental examination at the beginning of the following session.

Supplemental examinations will not be granted, except by special permission of the Medical Faculty, and on written application stating reasons, and accompanied by a fee of \$5.00 for each subject.

No candidate will be permitted, without special permission of the Faculty, to proceed with the work of the final year until he has passed all the subjects comprised in the Primary examination.

No student will be allowed to present himself for his final examinations who has not certificates of having passed all his Primary examinations in this University.

Candidates who fail to pass in a subject of which two courses are required, may, at the discretion of the Faculty, be required to attend a third course, and furnish a certificate of attendance thereon. A course in Practical Anatomy will be accepted as equivalent to a third course of lectures in General and Descriptive Anatomy.

#### VIII.

### MEDALS AND PRIZES.

Ist. The "HOLMES GOLD MEDAL," founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., late Dean of the Faculty of Medicine. It is awarded to the student of the graduating class who receives the highest aggregate number of marks in the different branches comprised in the Medical Curriculum.

The Student who gains the Holmes' Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

2nd. THE FINAL PRIZE.—A Prize in Books (or a Microscope of equivalent value) awarded for the best examination, written and oral, in the Final branches The Holmes' medallist is not permitted to compete for this prize.

3rd. THE THIRD YEAR PRIZE.—A Prize in Books awarded for the best examination, written and oral, in the branches of the third year.

4th. THE SECOND YEAR PRIZE.—A prize in books for the best examination in all the branches of the second year in course.

5th. THE FIRST YEAR PRIZE. A prize in books for the best examination in all the branches of the first year in course.

6th. The "SUTHERLAND GOLD MEDAL," founded in 1878 by the late Mrs. Sutherland in memory of her late husband, Professor William Sutherland, M.D. It is awarded for the best examination in General and Medical Chemistry, together with creditable examination in the primary branches. The examination is held at the end of the third year.

7th. The "CLEMESHA PRIZE IN CLINICAL THERA-PEUTICS," founded in 1889 by John W. Clemesha, M.D., of Port Hope, Ont. It is awarded to the student making the highest marks in a special clinical examination.

8th. The BRITISH COLUMBIA GRADUATES' SO-CIETY'S PRIZE is awarded each year for the highest standing in some third year practical subject. In 1897 it was given for clinical surgery, in 1898 for clinical medicine.

# IX. FEES.

The total Faculty fees for the whole medical course of four full sessions, including clinics, laboratory work, dissecting material and reagents, will be four hundred dollars, payable in four annual instalments of \$100 each.

For the convenience of the undergraduates the Hospital fees will hereafter be payable in the Registrar's office at the University. Ten dollars to be paid at the beginning of each of the last three sessions, viz., the second, third and fourth years. This will entitle each undergraduate to perpetual tickets for both the Montreal General and Royal Victoria Hospitals.

Partial students will be admitted to one or more courses on payment of special fees. An annual University fee of two dollars is charged students of all the faculties for the maintenance of college grounds and athletics.

Students repeating the course of study of any Academic session are not required to pay full fees. A fee of twenty-five dollars will be charged which will include Hospitals, dissecting material, chemical reagents, etc. The same fee is charged students entering from other colleges who have already paid elsewhere fees for the courses taken.

It is suggested to parents or guardians of students that the fees be transmitted direct by cheque or P. O. Order, to the Registrar, who will furnish official receipts.

All fees are payable in advance to the Registrar, and except by permission of the Faculty will not be received later than October 20th.

For Graduation Fees, see page 64. For Hospital Fees, see pages 67, 75 and 76.

#### X.

#### TEXT BOOKS.

ANATOMY.—Gray, Morris, Quain (Eng. Ed.).

PRACTICAL ANATOMY.—Cunningham's Practical Anatomy, Ellis' Demonstrations, Holden's Dissector and Landmarks.

Physics.—Balfour Stewart.

INORGANIC CHEMISTRY.—Remsen, Wurtz's Elementary Chemistry.

ORGANIC CHEMISTRY.—Remsen.

PRACTICAL CHEMISTRY.—Odling.

PHARMACOLOGY and THERAPEUTICS.—Butler, White, Hare and Wood.

Physiology.—Foster and Shore's Physiology for Beginners, Mills' Textbook of Animal Physiology, Foster's Physiology, Mills' Class Laboratory Exercises.

PATHOLOGY.—Ziegler, Coats'.

PRACTICAL PATHOLOGY.—Mallory and Wright, Delafield & Prudden, Boyce.

BACTERIOLOGY.—Muir & Ritchie, Abbott.

Histology.—Klein's Elements, Schäfer's Essentials of Histology.

Surgery.—Holmes, Moullin, Walsham, Erichsen, Treves.
American Text-book of Surgery, Da Costa.

PRACTICE OF MEDICINE.—Osler, Tyson, Wood and Fitz.

CLINICAL MEDICINE.—Musser's Medical Diagnosis; Simon, Klemperer, Rainy and Hutchison.

MEDICAL JURISPRUDENCE.—Reese, Guy and Ferrier.

Mental Diseases.—Insanity and its Treatment, Blandford, 4th Ed.

MIDWIFERY-Lusk, and American Text Book.

DISEASES OF CHILDREN.—Holt, Rotch, Smith and Starr.

GYNÆCOLOGY.—Hart and Barbour, Garrigues, Webster.

Hygiene.—Parks, Wilson, Rohe.

Вотану.—Gray's Text Book of Histology and Physiology.

ZOOLOGY.—Shipley (Invertebrata), Wiedersheim, (Vertebrata. OPHTHALMOLOGY.—De Schweinitz, Nettleship and Swanzy. OTOLOGY.—Pritchard, Dalby.

LARYNGOLOGY.—Watson Williams and Karl Seiler.

OPERATIVE SURGERY.—Jacobson, Treves, Kocher.

DERMATOLOGY.—Malcolm Morris, Hyde, Crocker, Unna.

MEDICAL DICTIONARY.—Gould, Dunglison, Hoblyn.

#### XI.

#### MUSEUMS.

The Faculty has during recent years devoted special attention to the development of its museums in the several departments in which objective teaching is of especial value in the education of the student.

There are now four museums in the Medical Building: (1) the Museum of Pathology, (2) the Anatomical Museum, (3) the Museum of Public Health and Preventive Medicine, (4) the Museum of Pharmacy.

Each collection is arranged and selected with the primary object of making it a teaching museum. These several collections are open to students and the public between 9 a.m. and 5 p.m.

#### PATHOLOGICAL MUSEUM.

PROF. J. G. ADAMI, DIRECTOR.

E. J. SEMPLE, CURATOR.

J. F. D. BAILLY, OFFICIER D'ACADEMIE, OSTEOLOGIST AND ARTICULATOR.

For the past fifty years, the rich Pathological Material furnished by the Montreal General Hospital has been collected here. The Faculty is also greatly indebted to many medical men throughout Canada and different parts of the world for important contributions to the Museum.

During the past few years, numerous and extremely important additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In ad-

dition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesenteric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" is also found. The Faculty are indebted to Prof. Osler, late of this University, for this collection.

The Museum contains also a very large collection of different forms of calculi. The Faculty are mainly indebted to Prof. Fenwick for this collection. They have been mounted by Prof. Z. W. Hammond.

During the past six years, M. Bailly, osteologist and articulator (lately with Tramond of Paris), has been engaged in arranging and mounting the very large number of specimens of disease and injuries of bones which have been accumulating for years. In this collection are to be found examples of fractures and dislocations of the spine, osteoporosis, congenital dislocation of the hip, fracture of the astragalus, multiple exostoses, &c., &c.

The Pathological Museum has recently undergone complete alteration. All the old fixtures have been removed, a new gallery has been erected about both rooms, reached by a single staircase in a small intermediate room in which is placed the medico-legal collection.

The first room on entering contains the extensive bone collection and calculi. The second and larger room is reserved for the moist preparations, which are arranged so as to be of easy access for the student. Water color drawings made from the fresh specimens are mounted on swinging frames and also form a frieze at the ceiling. These serve to recall the fugitive colors of those preparations which become more or less altered on keeping.

Numerous specimens have been added to the museum during the past year. There were sent in from the Surgical and

medical wings of the Royal Victoria Hospital, and from the different departments of the Montreal General Hospital, and will be acknowledged next session.

# MUSEUM OF PUBLIC HEALTH AND PREVENTIVE MEDICINE.

DIRECTOR, R. F. RUTTAN.
MUSEUM ASSISTANT, CHARLES STEVENSON.

This Museum has been established from the interest accruing through the endowment of the Chair of Hygiene by Lord Strathcona and Mount Royal in 1893.

The museum at present is chiefly of interest on account of the number and excellence of the working models, illustrating the best modern methods of sterilisation, disinfection, filtration and ventilation, together with a very useful collection of modern sanitary apparatus, illustrating the advantages and disadventages of the water carriage system for the disposal of refuse, etc.

The Director has much pleasure in acknowledging contributions of value from:

- 1. The Sanitary Construction Company of New York.
- 2. Richard King, King, Sprague & Co., New York.
- 3. Maigens Filtre Rapide Co., London, Eng.
- 4. L. Casella, London, Eng.
- 5. Messrs. Doulton & Co., Lambeth Pottery, London, E.C.
- 6. The Sanitary Institute, Parke's Museum, London.
- 7. The Hygienic Referendum, Hornsey, London, Eng.
- 8. Messrs. Newton & Co., London.
- 9. The Expanded Metal Co., London.
- 10. A. B. Reck, Copenhagen, Denmark.
- 11. Fischer, Filter Plate Co.
- 12. J. W. Hughes, Montreal.
- 13. Wormser, Filterplatten-Werk, Worms, Germany.
- 14. The Laing Packing Company, Montreal.

The Department of Hygiene is also indebted to Mr. Fleming, Sanitary Engineer, for assistance and advice.

#### ANATOMICAL MUSEUM.

DIRECTOR, PROFESSOR F. J. SHEPHERD.
M. JULES BAILLY, OSTEOLOGIST AND ARTICULATOR.

This Museum occupies a large room on the same floor and adjoining the Anatomy Lecture Room and Dissecting Room. Smaller apartments in connection are used for private research, which is encouraged in every way by the Faculty.

The Museum is well furnished and comfortable, and students have every opportunity of studying Human, Compara-

tive and Applied Anatomy.

This department has, during the past few years, added a very complete collection of plaster and papier maché models by Steger, after the well-known works of His and Braune, comprising:

(a) A complete set of Steger's brain sections.

(b) Models of the cerebro-spinal and sympathetic nervous systems.

(c) Professor Cunningham's well-known and beautiful casts of the head, showing the relation of the cerebral convolutions to the skull and its sutures.

A large collection of human brains, made by Professor Osler, formerly of this University, exhibiting the various types and extremes.

A large and rare collection of anomalies of the Renal vessels and ureter, and the aorta and its branches.

In Comparative Anatomy the student will find a fair amount of material, the study of which will greatly aid him in the elucidation of many points in Human Anatomy.

Many skeletons mounted by Mons. Jules Bailly, Articulator to the University, representing the various classes, orders, genera and species of the animal kingdom may be consulted.

A large collection, showing the pectoral girdle in birds, has been prepared under the supervision of the Professor of Anatomy.

Moist and dry preparations of dissections, a large collection

of frozen cross sections of the human body, showing the normal relations of the viscera, etc., will be found convenient for study.

During the past year numerous valuable specimens have been presented to the Museum and its stores, which will be acknowledged in the next Calendar.

# XII.

#### LIBRARY.

LIBRARIAN, FROF. F. G. FINDLEY.
ASSISTANT LIBRARIAN, Miss M. R. CHARLTON.

The Library of the Medical Faculty now comprises upwards of fifteen thousand volumes, the largest special library connected with a medical school on this continent.

The valuable libraries of the late Professors Robert Palmer Howard, George Ross, Richard L. MacDonnell and T. Johnston Alloway, have been donated to the Medical Faculty. They consist of several thousand volumes, including a very complete collection of works on Diseases of the Chest.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may consult any work of reference in the library between 9 a.m. and 5 p.m. A library reading room for the use of students is provided.

## EXTRACTS FROM THE LIBRARY REGULATIONS.

I. During the College Session the Library is open daily (except Sundays and general public holidays) from 9 a.m. till 5.30 p.m. During vacation from 10 a.m. to 5 p.m.

II. The stack room is not open to students or to the public. III. The books in the Library are classed in two divisions: 1st, those which may be taken from the Library; 2nd, those which may not, under any circumstances, be removed from the Library. The latter class includes all catalogues, dictionaries and encyclopædias.

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IV. Students will be allowed to use regular text-books only in the Library. Any other book may be taken out at 5 p.m., to be returned at the next day. If books so removed from the Library are not returned punctually, a fine will be imposed, and if the delay be serious the student may be suspended from use of the Library at the discretion of the Librarian.

V. Students may take out books, subject to the above regulations, to the number of three volumes at one time.

VI. Books may be taken from the Library only after they have been especially asked for and charged at the delivery desk; borrowers who cannot attend personally must sign and date an order, giving the titles of the books desired and the name of the person deputed to procure the same.

VII. Damage to, or loss of books shall be made good to the satisfaction of the Librarian and of the Library Committee. Writing or making any mark upon any book belonging to the Library is unconditionally forbidden. Any persons found guilty of wilfully damaging any book in any way shall be excluded from the Library, and shall be debarred from the use thereof for such time as the Library Committee may determine.

VIII. Silence must be strictly observed in the Library.

IX. Infringement of any of the rules of the Library will subject the offender to a fine or suspension of his privileges, or to such other penalty as the nature of the case may require.

The following is an extract from the report of the Library Committee for 1807.

Some of the most important points to be noticed in the annual report are:—evidences of an increasing recognition of the usefulness of the Library. Among these is the increased number of gifts, the valuable additions to the periodical literature which is always the most important in a Medical Library; and the urgent need for more room.

A new departure, and what is hoped the Committee will be able to meet, is in supplying books to doctors at a distance.

This has been successfully carried out on a small scale, and it is only the need of money which prevent its being extended.

If the graduates of the College would start a fund for this purpose, the boon would be of immense value to those residing at a distance. It is earnestly hoped some one will take the matter up.

Papers sent in by the staff have been widely distributed to all the leading journals, the result being highly satisfactory.

The Faculty is indebted to Mrs. T. Johnson-Alloway for presenting the Library of the late Professor Johnson-Alloway to the Faculty.

Total additions to May 23rd....795

The attendance of readers from June 2nd, 1897, to May 14th, 1898, has been...........6,350

The attendance from June 1, 1896, to June 1, 1897, was..............5,920

The attendance from June 1, 1895, to June 1, 1896, was................4,875

The following authors have presented copies of their works to the Library:—

Edmund Cautley, M.D., Cantab., Etc.—

The Natural and Artificial Methods of Feeding Infants and Young Children, 1897.

W. H. Carfield, M.A., M.D., Oxon., Etc.—
Disease and Defective House Sanitation, 1806.

J. A. Coutts, M.B., Cantab., Etc.—
Some Aspects of Infantile Syphilis, 1897.

W. S. Coleman, M.D.—
Section Cutting and Staining, 1896.

- A. F. Currier, A.B., M.D.— The Menopause, 1897.
- Sir Dyce Duckworth, M.D., LL.D.— Sequels of Disease, 1896
- Surgeon-General Sir Joseph Taylor, Bart.— Life of Inspector-General Sir James Ranald Martin, 1897.
- Samuel Fenwick, M.D., F.R.C.P., and W. Saltau Fenwick, M.D.—Medical Diagnosis, 1897, 8th Ed.
- George M. Gould, A.M., M.D.—

  Meaning and Method of Life, 1893.

  Quiz-Compends. Diseases of the Eye, 1897.

  Anomalies and Curiosities of Medicine, 1897.

  The American Year Book of Medicine and Surgery, 1896.

  Students' Medical Dictionary, 1896.

  Illustrated Dictionary of Medicine, 1897.

  An Autumn Singer.

  Borderland Studies.
- M. L. Holbrook, M.D.—
  Stirpiculture, or the Improvement of Offspring Through Wiser Generation, 1897.
- G. Carl Huber, M.D.—
  Lectures on the Sympathetic Nervous System.
- Miss T. Johnson.—
  Swedish Physical Education.
- A. F. A. King, A.M., M.D.—
  A Manual of Obstetrics, ed. 7, 1898.
- R. Tait McKenzie, B.A., M.D.— Barnjum Bar Bell Drill.
- T. M. Madden, M.D., Etc.—
  Notes on the Special Hygiene (Physical and Mental) of Children and Youths, 1897.
- Dr. Marcet.—
  Contribution to the History of the Respiration of Man, 1897.
- R. Osgood Mason. A.M., M.D.—
  Telepathy and the Subliminal Self, 1897.

- S. Weir Mitchell, M.D.—.
  Author's signed copy, Clinical Lessons on Nervous Diseases, 1897.
- Dr. Munro.—
  History of the Chronic Degenerative Diseases of the Central
  Nervous System, 1895.
- Herman Mynter, M.D.—
  Appendicitis and its Surgical Treatment, 1897.
- Louis C. Parks, M.D., D.P.M.— Hygiene and Public Health, Ed. 5, 1897.
- H. Powers, M.B., and Leonard W. Sedgwick, M.D.—
  Three Volumes of the Lexicon of the New Sydenham Society.
- George H. Rohe, M.D.— Text-Book of Hygiene, 1897.
- A. W. Mayo Robson, F.R.C.S.—
  Diseases of the Gall-bladder and of the Bile-ducts, 1897.
- L. W. Sedgwick, M.D—
  Three Volumes of the Lexicon of the New Sydenham Society.
- A. Russell Simpson, M.D.—
  Contributions to Obstetrics and Gynaecology, 1880.
- W. W. Slayton, M.D.— Medical Education and Registration of the United States and Canada, 1897.
- E. H. Snell, M.D., B.Sc., Lond.— Compressed Air Illness, or So-Called Caisson Disease, 1896.
- S. Edwin Solly, M.D., M.R.C.S.— Handbook of Medical Climatology, 1897.
- William Sydney Thayer, M.D.— Lectures on the Malarial Fevers, 1897.
- Howard H. Tooth, M.D., Etc.—
  The Gulstonian Lectures on Secondary Degenerations of the Spinal Cord, 1889.
- J. C. Webster, B.A., M.D. (Edin.), F.R.C.P.— Diseases of Women, 1898.

Edward Woakes, M.D., assisted by C. Woakes, M.B., Etc.— On Deafness, Giddiness and Noises in the Head, Ed. 1, 1896.

The Committee is also indebted to the following contributors:-

#### Professor Adami.

Medical Chronicle, vols. 4, 5, 7, 1896-7.
Fortschritte der Medicin, 1897.
Lyon Médical, 1896, 1897, 2 vols.
Gazette des Hopitaux, 1896-1897, 2 vols.
Le Bulletin Médical, 1897.
Muncher Medicinische Wochenshrift, 2 vols.
British Medical Association, 63rd Meeting, 1895.
Yellow Fever in the West Indies, by J. Anderson, M.D., 1898.

#### Professor Armstrong.

Boston Medical and Surgical Journal, vols. 134-135. Berlin University Theses—144.

#### Professor Blackader .-

Text-book of Practical Therapeutics, by H. A. Hare, M.D., 1898. International Medical Journal, Vol. 6.
Transactions of the American Pediatric Society, 3 vols.
Archives of Pediatrics, 1897.
Centralblatt für Therapie, Bds. 13 and 14.
Boston City Hospital, 7 vols.

#### Professor Cameron .-

American Journal of Obstetrics, vol. 35, Obstetrical Tr. Ed., 1896. Obstetrical Trans., Lond., vols. 1896-98.

Das Weib., by H. Ploss, 1887

Rivesta Quineual de Anatomie, etc, 1896.

Handbuch der Gerichtlichen Medecin, Bd. 3, 1882; Cyclopedia of the Practice of Medicine, Zieman, 19 vols.; American Gynæcological Journal, 1896, Munchener Medicinische Woch, Medico-Legal Pamphlets; Traité Practique d'Accouchements, by Le Dr. A. Auvards, 1890.

Gerichtlichen Medicin, Bds. I and II., 1889.

New Sydenham Society Lexicon of Med., etc., 3 vols. 1887-88. Rapports sur les Comptes de la Corporation de la Cité de Montreal, etc., 6 vols.

Nouvelles Archives d'Obstetrique et de Gynecologie, 1886-95; complete set.

Mères et Nourissons, 1892.

Précis de Médicine Tudeseraun, by A. Lacossagne.

K. Cameron, M.D.—
A large collection of Canadian Journals.

College of Physicians and Surgeons—Studies from the Pathological Department.

Columbia University—1 vol. Cornell University—4 vols.

Prof. Finley.—
Medical Week, 1897, and Journals.

Dr. Van Gieson.—
State Hospital Bulletins, complete set.
Glasgow University—I vol.

Guy's Hospital Reports, 1897.

W. F. Hamilton, M.D.—
Reports of the Montreal General Hospital, 1860-93.

Vaughan Harley, M.D.—
Reports of the Department of Pathological Chemistry, University College, 1897.

Angus Hooper, Esq.—
Bandaging and other Operations of Minor Surgery.
Dissertatio Medica.
Inaugural Dissertation.

Professor Johnston.— Ten Volumes.

R. C. Kirkpatrick, M.D.—
Annals of Surgery.

Kings' College Hospital Reports—complete set.

Proprietors of the Lancet .-

The Lancet and the Hyderabad Commissions on Chloroform, 1897.

The Life and Times of Thomas Wakley, 1897.

Library of the Ramsey County Medical Society, St. Paul-2 vols.

McGill's Graduates' Society.— Six Volumes.

McGill's Medical Society of Undergraduates.—
Three Volumes.

Allen MacFadyen, M.D., B.Sc.—
Tr. of the British Institute of Preventive Medicine.

C. F. Martin, B.A., M.D.—
Vorlesungen über Kinderkrankheiten, by Henach, 1887.
Pathology and Morbid Anatomy, by Green, 1897.
Urine Analysis, by Black, 1898.

Middlesex Hospital Reports.

Massachusetts General Hospital-Semi-Centenial of Anaesthesia, 1897.

Professor Mills.—
American Fauna.

Montreal Branch of the British Medical Assn.— London Medical Directory.

Presbyterian Hospital Reports-2 vols., 1896-97.

Royal College of Physicians, Edinburgh.—
Six Volumes.
Revue Mensuelle de l'Ecole d'Anthropologie.

T. D. Reed, M.D.— Medicine, 1897.

James Ross, M.D.—
Diseases Most Fatal to Infants, 1767.
Theory and Practice of Midwifery, 1774.
Pharmacopæia Extemporia, 1719.

Lady Russell Reynolds.—
Essays and Addresses by Sir J. R. Reynolds, 1896.

Professor Shepherd .-

Tr. of the Congress of American Physicians and Surgeons, 1897.

Journal of Cutaneous and Genito-Urinary Diseases, 1897.

Canada Medical Recorder, 1896-97.

Archives of Pediatrics, 1897.

Tr. of the College of American Physicians.

Tr. of the American Dermatological Association, 1897.

Semi-Centenial of Anaesthesia.

New York Medical Record, 1897.

Maritime Medical News, 1897.

Canadian Practitioner, 1897.

University Medical Magazine, 1897.

Canadian Record of Science.

Mr. C. Shearer .-

Elements of the Comparative Anatomy of Vertebrates, from the German of R. Wiedershein, 1886.

Microtomists Vademecum, 1893.

Professor Stewart .-

A Text-Book of Physiology, by H. A. Hare, M.D., 1806.

Lectures on Nervous Diseases, by A. L. Ranney, M.D., 1889.

Experimental Pharmacology, by L. Herman, 1883.

Organic Materia Medica, by I. M. Maisch, Ph.M., 1895.

Applied Anatomy of the Nervous System, by A. L. Ranney, M.D., 1888.

Materia Medica and Therapeutics, by R. Barthalow, M.A., M.D.,

Clinical Therapeutics, by Beaumetz, 1885.

Therapeutische Monatshefte, 4 vols.

Infectiousness of Milk, 1895.

Saint Thomas' Hospital Reports, 1896.

Society of the Lying-In-Hospital of the City of New York .-Medical Reports for 1897.

Saint Bartholomew's Hospital Reports, 1897.

Tr. of the Clinical Society of London, 2 vols.

Tr. of the American Physicians and Surgeons, 1897.

Tr. of the South Carolina Medical Association, 1897.

Tr. of the Medico-Chirurgical Society of Glasgow, 1897.

Tr. of the Michigan State Medical Society, 3 vols.

Tr. of the Ohio State Medical Association, 1897.

Tr. of the Pathological Society of London, 1897.

Tr. of the American Climatological Association, 1897.

Tr. of the American Electro-Therapeutic Association, 1896.

Tr. of the American Medical Society, State of New York, 1897.

Tr. of the American Laryngological Association, 1897.

Tr. of the American Ophthalmological Association, 1897.

Tr. of the New York State Association, 1897.

Tr. of the Colorado State Medical Society.

Proceedings of the Montreal Medical Society.

Tr. of the College of Philadelphia, 1897.

United States Department of Agriculture-Reports and Pamphlets.

University of the State of New York, I vol

Dr. J. C. Webster .-

Teratalogie, Vol. I.

Proceedings of the Royal Society of Edinburgh, Vol 21.

Westminster Hospital Reports.

#### FROM PUBLISHERS.

Ophthalmic Record, 1897. Johns Hopkins Hospital Reports and Bulletin, 1897, 1898. American Medico-Surgical Bulletin, 4 vols. Chicago Medical Recorder, 1897. Treatment. Dominion Dental Journal, 1898. Dominion Medical Monthly. Dietetic and Hygienic Gazette, 1897. Montreal Medical Journal, 4 vols. Boston Society of Medical Sciences. Medical Bulletin, 4 vols. Sanitary Record. New York Medical Times, 2 vols. Philadelphia Polyclinic. New York Eye and Ear Reports, Vol. 6. Medical Phonographic Record. Buffalo Medical Journal, 1897. Virginia Medical Journal, 1897. Post-Graduate. Sanitary Inspector, and others.

Pamphlets have also been received from the following Doctors:-

Dr. Gould, Dr. Musser, Dr. Shepherd, Dr. de Schweintz, Dr. Alloway, Dr. Da Costa, Dr. Simpson, and others.

Professor Shepherd has presented the Library with a Dictionary Stand.

Several portraits have been added to the collection in the Library by the following gentlemen:—

Col. Crawford has presented the portrait of J. Crawford, M.D., Professor of Medicine, McGill.

Dr. L. G. Roddick, M.P., the portrait of W. McCulloch, M.D., Professor of Midwifery at McGill.

The Proprietors of "The Lancet," the portrait of L. W. Wakley, M.D., founder of "The Lancet."

Professor Finley, the portrait of Lord Lister.

#### XIII.

### McGILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty, meets every alternate Saturday during the Autumn and Winter Terms, for the reading of papers, case reports and discussions on medical subjects. A prize competition has been established in senior and junior subjects, the senior being open to all to write upon, while only the 1st, 2nd and 3rd year students are allowed to compete in the junior subjects. The papers are examined by a board elected from the Professoriate, and a first and second prize in each division of subjects is awarded to the successful candidates.

Names of competitors and titles of papers shall be sent to the Chairman of the Programme Committee before September 1st, and all papers shall be subject to the call of the Committee on October 1st. All papers shall be handed in for examination on or before Ianuary 10th.

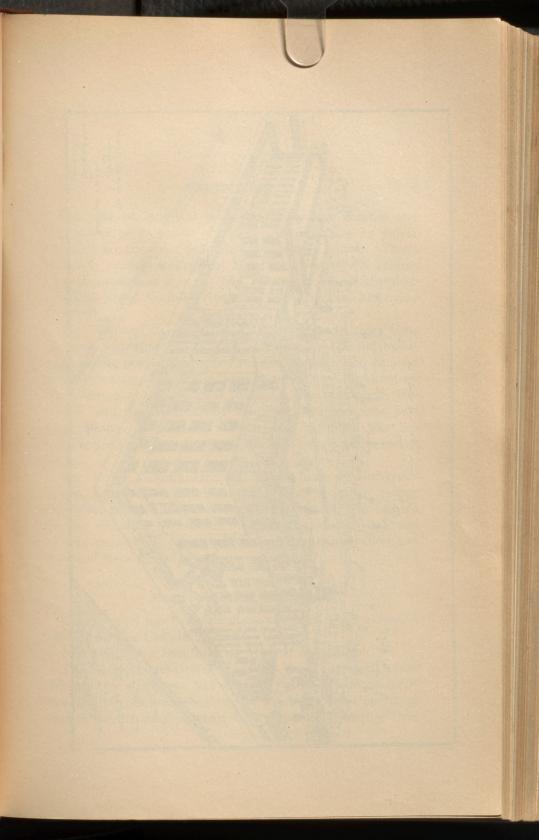
The Students' reading room has been placed under the control of this Society, in which the leading English and American Medical Journals are on file as well as the leading daily and weekly newspapers of the Dominion.

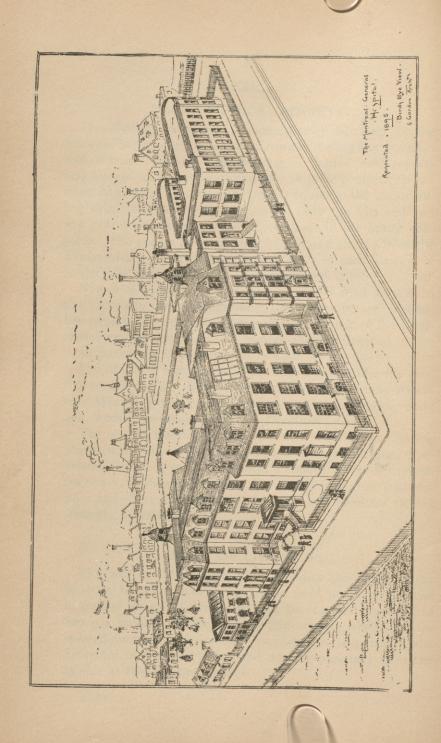
The annual meeting is held the first week of the Spring Term, when the following officers are elected: Hon. President, elected from the Faculty; President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter, Pathologist, and three Councilmen (of whom two shall be elected from the Faculty.)

### XIV.

# COST OF LIVING, &c.

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good board may be obtained from \$15 to \$20 per month. A list of boarding-houses, which are inspected annually by a sanitary committee, is prepared by the Secretary of the University, and may be procured from the Janitor at the Medical College.





#### XV.

#### HOSPITALS.

The City of Montreal is celebrated for the number and importance of its public charities. Among these its public hospitals are the most prominent and widely known. Those in which medical students of McGill University will receive clinical instruction are: (1.) The Montreal General Hospital. (2.) The Royal Victoria Hospital. (3). Montreal Maternity Hospital.

The Montreal General Hospital has for many years been the most extensive clinical field in Canada. The old buildings, having proved inadequate to meet the increased demand for hospital accommodation, have recently been increased by the addition of two surgical pavilions; the Campbell Memorial, and the Greenshields Memorial, and of a new surgical theatre. The interior of the older buildings now has been entirely reconstructed on the most approved modern plans.

The Royal Victoria Hospital at the head of University Street, which in structure and arrangements ranks among the finest modern hospitals of either continent, was opened for the reception of patients the first of January, 1894, and affords exceptional opportunities for clinical instruction and practical training.

## Montreal General Hospital.

This hospital has been for many years the most extensive clinical field in Canada.

It consists of a Surgical and Medical Department.

The Surgical Department has two large pavilions, containing four wards 135 feet long by 35 broad, with an intervening and connecting building in which is a large operating theatre of the most modern type, capable of seating over

three hundred and fifty students. In connection with this are preparation, etherising, instruments, sterilising and surgeons' rooms, also smaller operating rooms. The Surgical pavilions which were built three years ago, accommodate over one hundred patients.

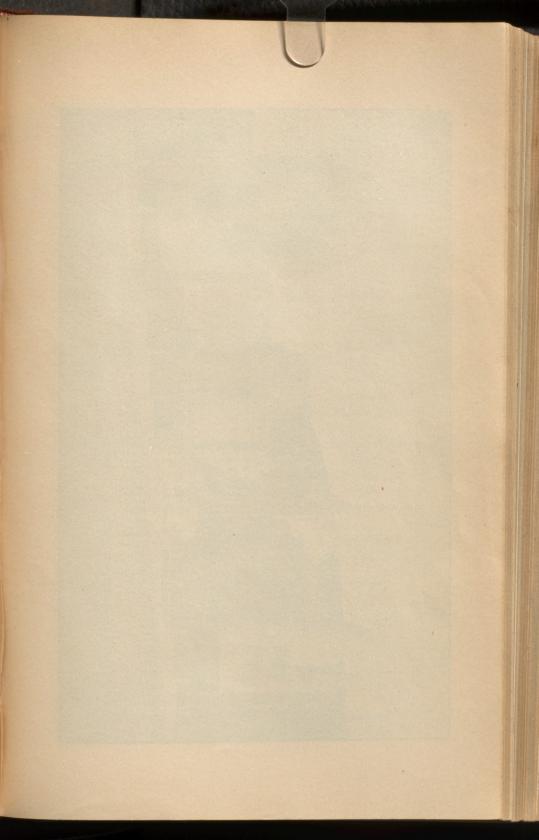
The old part of the hospital, consisting of the Reed, Richardson and Morland wings, has during the past year been completely rebuilt and remodelled and forms the Medical Department. This part contains four wards, 100 feet by 40 and is arranged for 150 beds. In this building there are wards for Gynæcological and Ophthalmogical patients, a number of private wards and laboratories for Clinical Chemistry. There is also a medical amphitheatre capable of seating 150 students and a gynæcological operating room fitted up in the most modern manner. The central part of the old building is for administration purposes.

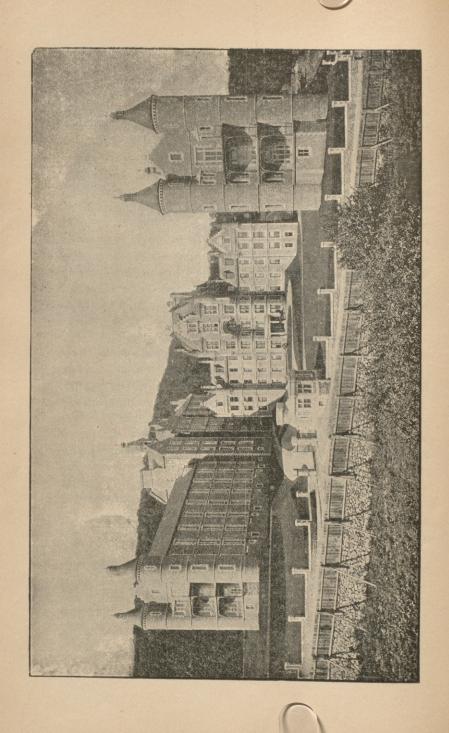
A completely new and commodious out-door patient department has been provided on the ground floor of the Richardson wing, and there is ample accommodation for the various special departments as well as large rooms for general medical and surgical patients.

The Pathological Department is a completely new building in which are the post-mortem theatre and rooms for microscopical and bacteriological work, and also a mortuary and chapel. In this building students are offered every opportunity of perfecting their knowledge of morbid anatomy and pathological histology.

The old Fever Wards on the grounds of the Hospital, have been completely remodelled, and are now used as a laundry and kitchen.

A much larger number of patients receive treatment in the Montreal General Hospital than in any other Canadian Hospital. Last year's report shows that between two and three thousand Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration





of residence was only 24.02 days. Upwards of thirty-two thousand patients are annually treated in the out-door department of this Hospital.

Annual tickets entitling students to admission to the Hospital must be taken out at the commencement of the session, price \$5.00. These are obtained at the College. Perpetual tickets will be given on payment of the third annual fee.

#### The Royal Victoria Hospital.\*

This Hospital is situated a short distance above the University Grounds on the side of the Mountain, and overlooks the city. It was founded in July, 1887, by the munificence of Lord Mount Stephen and Sir Donald Smith, who gave half a million dollars each for this purpose.

The buildings, which were opened for the reception of patients on the first of January, 1894, were designed by Mr. Saxon Snell of London, England, to accommodate between 250 and 300 patients.

The Hospital is composed of three main buildings connected together by stone bridges; an Administration Block in the centre and a wing on the east side for medical patients, in immediate connection with which is the Pathological wing and mortuary, and a wing on the west side for surgical patients.

The Administration block contains ample accommodation for the resident medical staff, the nursing staff and domestics. The patients' entrance, the dispensary and admission rooms are also situated in this building.

The Medical wing contains three large wards, each 123 feet long by 26 feet 6 inches wide, one ward 40 feet by 26 feet 6 inches, and fifteen private and isolation wards averaging 16 feet by 12 feet, also a medical theatre with a seating capacity for 250, and three rooms adjacent to it for clinical chemistry and other purposes. North of this wing and in direct connec-

<sup>\*</sup> Fees for this hospital  $% \left( 1\right) =0$  are the same as those for the Montreal General Hospital, p. 74.

In this wing are situated the mortuary proper, the chapel, a post mortem room capable of accommodating 200 students, and laboratories for the microscopic and bacteriological study of morbid tissues, some designed for the use of students and others for post graduation courses and special research. Special laboratories for Pathological chemistry, Experimental Pathology, Bacteriology and Photography are also provided.

The Surgical wing contains three large wards, each 123 feet long by 26 feet 6 inches wide, four wards each 40 feet by 32 feet, and seven private and isolation wards, averaging 16 feet by 12 feet; also a surgical theatre with a seating capacity for 250, with six rooms adjacent for preparation and after recovery purposes.

In this wing are also the wards for Gynæcology and Ophthalmology.

#### XVI.

#### CLINICAL INSTRUCTION.

During the Session of 1897-98, two Medical, two Surgical, one Gynæcological and one Ophthalmological clinic will be held weekly in both the Montreal General and Royal Victoria Hospitals.

In addition, tutorial instruction will be given in these different departments in the wards, out-patient rooms and laboratories. Special weekly clinics will be given in the Montreal General Hospital on Dermatology and Laryngology and and in the Royal Victoria Hospital on diseases of the Genito-Urinary system.

CLINICAL CLERKS in the medical and surgical wards of both Hospitals are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted to him. Students entering on and after October 1893 will be required to show a certificate of having

acted for six months as clinical clerk in medicine and six months in surgery, and are required to have reported at least ten cases in medicine and ten in surgery. The instruction obtained as clinical clerk is found to be of the greatest possible advantage to Students, as affording a true practical training for his future professional life.

Dressers are also appointed to the Out-door Departments. For these appointments, application is to be made to the Assistant Surgeons, or to the resident surgeon in charge of the out-patient department.

The large number of patients affected with diseases of the eye and ear, now attending the special clinics at both hospitals, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by the Ophthalmic Surgeon after the outdoor patients have been seen, and Students are invited to attend the same, and as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

There are now special departments in both Hospitals for Gynæcology, presided over by Specialists in the branches. Students are thus enabled to acquire special technical knowledge under skilled direction. The plan of teaching practical gynæcology for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments.

The Clinics at the Montreal General Hospital in Dermatology, and Laryngology are very large and afford a practical training in affections of the skin and throat rarely obtained by medical students.

A special clinic for diseases of the Genito-Urinary Organs has been established at the Royal Victoria Hospital.

Infectious diseases and Insanity will also be taught clinically, the former in the special wards for infectious diseases and the latter at the Verdun Hospital for the Insane.

#### The Montreal Maternity.

The Faculty has great pleasure in announcing that the Corporation of the Montreal Maternity has recently made very important additions to its building, and has still further improvements in contemplation. Students will therefore have greatly increased facilities for obtaining a practical knowledge of obstetrics and diseases of infancy. An improved Tarnier-Budin phantom is provided for the use of the students, and every facility afforded for acquiring a practical knowledge of the various obstetric manipuations. The institution is under the direct supervision of the Professor of Midwifery, who devotes much time and attention to individual instruction. Students who have attended the course on obstetrics during the autumn and winter terms of the third year will be furnished with cases in rotation, which they will be required to report and attend till convalescence. Clinical midwifery has been placed upon the same basis as Clinical Medicine and Surgery, and a final Clinical examination instituted. Regular courses of clinical lectures are given throughout the session. Special attention being paid to the important subject of infant feeding. The Walker Gordon process of modifying milk is explained and demonstrated. During the autumn and winter terms the Demonstrator of Obstetrics gives Clinical Demonstrations in the wards and instruction in operative work on the phantom. Students will find it very much to their advantage to pay special attention to their Clinical work during the spring term of the third year and the following summer. Two resident accoucheurs are appointed yearly from the graduating class to hold office for a period of six months each.

Fee for twelve months, \$12.00, payable at the Maternity Hospital.

#### XVII.

## STUDENTS' APPOINTMENTS.

Montreal General Hospital—Seven Resident Medical Officers.

The following were the candidates at the examination, successful for positions on the house staff of the Montreal General Hospital, for the year beginning May 1st, 1897:—A. R. Pennoyer, M.D.; E. M. Von Eberts, M.D.; F. R. Wainwright, M.D.; H. M. Robertson, M.D.; Charles C Gurd, M.D.; W. K. Brown, M.D., House Pathologist; E. S. Harding, M.D., Anæsthetist; H. Wolferstan Thomas, M.D., Extern Pathological assistant.

Royal Victoria Hospital—Six Resident Medical Officers. The following graduates in 1897 were appointed to fill vacancies in the Royal Victoria Hospital.

In Medicine, J. G. MacDougall, M.D.; E. C. McCallum, M.D., and A. S. McElroy, M.D.

In Surgery, C. B. Keenan, M.D., and J. J. Roy, M.D. In Ophthalmology, I. G. Campbell M.D., D.V.S. University Maternity—Two Resident Medical Officers. James Barclay, M.D., was appointed in 1897. Clinical Clerk, Gynæcology.

" Laryngology.

" Diseases of Children.

" Dermatology.

" Diseases of Nervous System.

Out-door Dressers.

Dressers in Eye and Ear Department.

Medical Clinical Clerks.

Post-mortem Clerks.

Student Demonstrators of Anatomy, 4 third-year Students.

Prosectors to Chair of Anatomy, 4.

Assistants in Practical Histology Course, 2.

Assistants in Practical Physiology Course, 4.

Assistants in Practical Chemistry, 6.

#### VIII.

#### RULES FOR STUDENTS.

I. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the classroom. Persistence in any offence against discipline, after admonition by the Professor, shall be reported to the Dean of the Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from classes.

2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session, shall in each case be determined by the Faculty.

3. While in the College, Students are expected to conduct themselves in the same orderly manner as in the Class-room.

4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.



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# CLASS LISTS.

### SIXTY-FIFTH SESSION, 1897-1898.

The total number of Students enregistered in the Medical Faculty during the past Session was 429, of whom 403 were undergraduates and 26 were graduates attending post graduate, and special courses.

#### UNDERGRADUATES.

Of whom there were from :-Quebec ...... 136 Prince Edward Island ..... Ontario..... 110 Manitoba and N. W. T..... New Brunswick ..... 39 West Indies..... Nova Scotia & Cape Briton 26 British Columbia..... United States ..... 35 Ireland..... Newfoundland ..... England.... GRADUATE STUDENTS. Of whom there were from :-Quebec ..... 10 New Brunswick..... United States..... British Columbia .... Ontario ..... Nova Scotia.....

# STUDENTS ENREGISTERED IN THE FACULTY OF MEDICINE.

## FIRST YEAR.

Alexander, J. H., Westmount, Que Bayfield, T. F., Charlottetown, P. E. I Beatty, H. W., Sarnia, Ont Bellanger, E. R., Ottawa, Ont Bell, A. J., Westmount, Que Bishop, L. C., Marbleton, Que Blake, J. J., Charlottetown, P. E. I Blaquiere, J., North Rustico, P. E. I Borden, H. L., B.A., Canning, N. S \*Boulter, J. H., Picton, Ont \*Boyd, R. M., Belleville, Ont Bradshaw, J. E., Montreal, Que \*Briggs, J. A., New Westminster, B. C. Browne, J. G., B.A., Montreal, Que Bruce, J., B.A., Moncton, N. B. Burrows, A. E. Kingston, Ont Burton, H. T., Short Hills, N. J., U. S. A. Butler, P. E., B.A., Milltown, N. B. Callbec, K. D., Tryon, P. E. I. Campbell, R. P., B.A., Montreal, Que Cantlie, F. P. L., Montreal, Que Carlyle, D. A., Moorewood, Ont Chamberlain, "H. B., Perth, Ont Chandler, E. C., Montreal, Que

<sup>\*</sup>Double Course.

Collison, H. McN., Dixon's Corners, Ont Collison, J., Dixon's Corners, Ont Crang, F. W., Toronto, Ont Croly, E. H., Dunville, Ont \*Croly, E. H., Dunville, Ont \*Croly, E. H., Dunville, Ont \*Crowell, B. C., Yarmouth, N. S. Cullen, W. H., Montreal, Que Dalton, C. H., Tignish, P. E. I \*Dickson, W. H., Pembroke, Ont Donovam, J. B., Lewiston, Maine, U. S. A. Duncan, J. W., Montreal, Que Ellis, R. L., Youghall, N. B Fearn, C. J., Montreal, Que Featherston, H. C., Montreal, Que Fleming, J. E., North Rustico, P. E. I Fuller, A. T., B. A., Truro, N. S. Fuller, H. T., Halifax, N. S. Gardner, R. L., Sherbrooke, Que George, J. D., Redwood, N. Y. Gourley, H. A., Montreal, Que Harley, R. J. O., Montreal, Que Harley, R. J. O., Montreal, Que Harley, R. J. O., Montreal, Que Harper, A. A., North Adams, Mass Hope, J. T., Glen Robertson, Ont Howard, A. C. P., B. A., Montreal, Que Hughes, H. J., Charlottetown, P. E. I Hunter, E. N. McL., Mirrimae, Mass †Hutchison, L. W., Ottawa, Ont Jackson, G. F., Brockville, Ont \*Johnston, J. L., Martintown, Ont Jones, J. H., Brockville, Ont Kendall, A. L., Vancouver, B. C. Ker, R. H., B. A., Montreal, Que Lamb, H. A., Portland, Maine \*Learmonth, G. E., Montreal, Que Lunney, T. H., St. John, N. B. MacCarthy, F. H., Ottawa, Ont Lidstone, A. E., Brinston's Corners, Ont Lidstone, A. E., Donneal, Que MacCarthy, F. H., Ottawa, Ont Mackay, M., B. A., Montreal, Que McDonald, P. A., Dundee Centre, Que \*McEwen, J. R., Dewittsville, Ont Martin, E. A., Kemptville, Ont Meighen, W. A., Perth, Ont Millar, S., South Durham, Que

Miller, G. H. S., Alexandria, Ont
\*Mitchell, I. E., Sherbrooke, Que
Morgan. A. D., Nanaimo, B. C
Moses, H. C., Caledonia, Ont
Mullally, E. J., Souris, P. E. I
Munroe, A. T., Moose Creek, Ont
Munroe, A. T., Moose Creek, Ont
Munroy, J. A., Pugwash, N. S
\*Ness, W., Howick, Que
Newcombe, W. E., Vancouver, B. C
Niven, K. S., London, Ont
Paquin, U., B. A., St. Eustache, Que
Penner, E., B. A., Gretna, Man.
Pilot, F. W. H., St. John's, Newfoundland
Ramsay, W. A., Westmount, Que
Radon, L. H., B. A., Victoria, B. C
Reeve, S. N., Chicago, Ill., U. S. A
Richards, B. A., Yarmonth, N. S
\*Ritchie, C. F., Montreal, Que
Roberts, J., Woodburn, Ont
Robertson, C. G., Hawkesbury, Ont
Robertson, R. D., St. John, N. B
Rogers, H. B., Victoria, B. C
Ross, T. M., Bainsville, Ont
Russel, C. K., B. A., Montreal, Que
Rutherford, C. A., Waddington, N. Y
Ryan, W. T., B. A., Fredericton, N. B
Sanders, C. W., Kemptville, Ont
Saunders, W. E., Woodstock, N. B
Shearer, R. L., Kelso, Que
Simpson, J. C., Montreal, Que
Simpson, J. C., Montreal, Que
Rimpson, J. C., Montreal, Que
Simpson, J. C., Montreal, Que
Stevenson, J., B. A., Montreal, Que
Stevenson, J., B. A., Montreal, Que
Stewart, C. J., Russell, Ont
Stevenson, J., B. A., Montreal, Que
Taylor, W. L., Waterloo, Que
Tobin, A. J., Cornwall, Ont
Ward, J. A., Lewiston, Maine
Warren, J. G., Montreal, Que
Whitliams, W. T., B. A., Chute à Bondeau,
Ont

#### SECOND YEAR.

Ackerley, A. W. K., Montreal, Que Almon, W. B., Halifax, N.S Anton, D. L.S., Powerscourt Castle, Ireland Armstrong, J. W., B.A., Bristol, Que Baird, J. A., Brucefield Ballantyne, C. T., Ottawa, Ont Barry, F. A., Montreal, Que Bishop, T. E., Harvey, N.B. Boire, W., Manchester, N.H., U.S.A Bonner, J. A., New York City, U.S.A Brown, E. L., Chesterville, Ont Buffet, C., B.A., Grand Bank, Nfld Burnett, P., Montreal, Que Campbell, O. E., Apohaqui, N.B. Carnwath, J.E.M., Riverside, N.B. Cartwright, C., Kingston, Ont Charlton, G. A., Montreal, Que †Charron, A., Ottawa, Ont Clemesha, W. F., Port Hope, Ont Coates, H. W., Kingston, N.B. Coffin, J. D., Charlottetown, P.E.I. Cook, C. R., Montreal, Que Coristine, W. H., Montreal, Que

<sup>\*</sup> Double Course.

<sup>+</sup> Partial.

Costello, A. E., Montreal, Que
Cowperthwaite, W. M., Carbonear, Nfid
Cox, J. R., Hull, Que
Crozier, J. A., B. A., Grand Valley, Ont
\*Dixon, W. E., Montreal, Que
Donaldson, A. S., Montreal, Que
Donaldson, A. S., Montreal, Que
Donnelly, A. J., B. A., Sturgeon, P.E.I
Doull, A. E., Montreal, Que
Dowler, O., Billings' Bridge, Ont
Duffy, P. F., Charlottetown, P.E.I
Eagar, W. H., Dartmouth, N.S
Fairie, J. A., Montreal, Que
Freeman, C. H. F., B. A., Milton, N.S
Gibson, E. J., Campbellford, Ont
\*Gibson, E. J., Campbellford, Ont
\*Gidday, A. L. C., Montreal, Que
\*Goodall, J. R., Ottawa, Ont
Gray, H. R. D., B. A., Montreal, Que
Hall, A. R., Washington, Ont
Hall, W. T., Montreal, Que
Harvie, S. K., B. A., Newport, N.S
Haszard, C. F. L., Charlottetown, P.E.I
Henry, C. K. P., Ottawa, Ont
Hiebert, G., Gretna, Man
Hill, W. H. P., Montreal, Que
Hughes, R. E., Ottawa, Ont
Igoe, O. A., Tarrytown, N.Y., U.S.A
Jardine, J., Freetown, P.E.I
Johnston, E. H., Washington, D.C
Jones, H. A., B.A., Montron, N.B
Kannary, E. L., B. A., Northfield, Min.,
Keating, B. H., Montreal, Que
Lawlor, F. E., Dartmouth, N.S
Lester, C. W., S. Durham, Que
Littig, J. V., Davenport, Iowa, U.S.A
Lynch, J. B., Fredericton, N.B
MacKinnon, J. W., Charlottetown, P.E.I
McDiarmid, W. B., Maxville, Ont
McDonald, W. F., Westville, N.S
McKee, S. H., B.A., Fredericton, N.B

McSorley, H. S., Enderby, B.C
Martin, L.W., Warden, Que
May, L. W., Ottawa, Ont
Morrison, A. S., Montreal, Que
Morrison, G. D., Vankleek Hill, Ont
Morrow, J. J., Fergus, Ont
Murray, L. M., Truro, N. S
O'Reilly, E. P., B.A., Hamilton, Ont
O'Seilly, R. H., Ottawa, Ont
O'Sullivan, M. T., Little Glace Bay, C. B
Paintin, A. C., Mansonville, Que
Paterson, W. F., B.A., Montreal, Que
Pattee, F. J., Vankleek Hill, Ont
Patton, J. W. T., Ponds, N.S
Payne, R. H., Kingston, Jamaica, B.
W. I
Pittis, W., Plainfield, N.J., U.S.A
Pope, E. L., B. A., Belleville, Ont
Porter, F. S., Powassan, Ont
Reynolds, F. L., St. John, N. B
Richard, F. A., B. A., Richibucto, N. B
Robb, G. W. A., Oxford, N. S
Ross, H., B.A., Montreal, Que
Rowley, W. E., B.A., Marysville, N.B
Russell, E. M., Springfield, Mass., U.S.A
Rutherford, A. E., Montreal, Que
Sayre, T. D., Amherst, N.S
Scriver, E. F., Montreal, Que
Secord, E. R., Brantford, Ont
Shaughnessy, C. R., St. Stephen, N.B
Snetsinger, H. W., Moulinette, Ont
Stevenson, R. H., Danville, Que
Stevenson, R. H., Danville, Que
Tanner, C. A. H., Windsor Mills, Que
Todd, J. L., Victoria, B. C
Townshend, C., Parrsboro, N.S
Turnbull, J. A., Bear River, N.S
Turner, W. G., B. A., Quebec City, Que
\*Walker, H., New York City, N.Y
Wheeler, F. C., Richford, Vermont
\*White, E. H., Moutreal, Que
Wilmot, LeB, B., Oromocto, N,B
Wilson, W. A., Carleton Place, Ont

#### THIRD YEAR.

Alley, G. T., Charlottetown, P.E.I. Aylmer, A. L., Montreal, Que Beadie, W. D., Lachine, Que Bowles, C. T., Ottawa, Ont Bradley, J. H., Charlottetown, P.E.I. Brannen, J. P., Montreal, Que Brennan, F. A., St. Albans, Vt., U.S.A. Brown, W. F. B. A., Platisburg, N.Y., Browning, W. E., Exeter, Ont. Burnett, W. B., B. A., Montreal, Que Burris, J. S., Halifax, N. S. Cameron, L. G., Cascades, Que Campbell, V. B., Finch, Ont Casselman, P. C., Morrisburg, Ont Conroy, R. J., Peterboro, Ont Craig, J. E., North Gower, Ont Cumming, W. A., Buckingham, Que

Cunningham, A. A., Huntingdon, Que Cuzner, G., Ottawa, Ont Darche, C. E., B. L. Danville, Que Drier, N. E., Woodstock, N.B Dyer, E. O., B. A., Sutton, Que Fitzgerald, C. T., Harbor Breton, Nfld Fourney, F. W., B.A., Montreal, Que Fuller, G. F. LeRoy, Sweetsburg, Que Galbraith, W. S., Lethbridge, Alberta Gillis, E. G., Indian River, P. E. I Gordon, A. H., St. John, N.B Gray, C. F. A., Montreal, Que Greene, E., Leitrin, Ont, Higgins, C. P., Victoria, B.C. Jones, D. C., Maitland, Ont Law, R., Ottawa. Ont Levy, A., B.A., Montreal, Que Lineham, D. M., Calgary, Alberta

<sup>\*</sup> Double Course.

<sup>+</sup> Partial.

Loeb, A. A., Montreal, Que
Logie, A. E., Charlottetown, P.E.I
Love, R. H., Carleton Place, Ont
Macdonald, J. S., Montreal, Que
MacKenzie, C. A., Toronto, Ont
McCombe, J., Iberville, Que
McDougall, A., Kippen, Ont
McIntyre, J. D., Clifton, P.E.I,
McKey, J. G., Moorewood, Ont
McKay, J. G., Moorewood, Ont
McNele, W. C., Marquette, Man
McNally, D. A., Abram's Village, P.E.I
McNaughton, F.M.A., B.A., Huntingdon
McNiece, T. G., Carsonby, Ont
Mellon, P. B., Ottawa, Ont
Morris, T. E., St. John, N.B
Mousseau, E. A., Hall, Que
Murphy, E. F., St. John, N.B
Mussen, A. T., Montreal, Que
Nash, A. C., Ogdensburg, N.Y., U.S.A
O'Brien, J. R., B.A., Ottawa, Ont
Paterson, A., B.A., Ottawa, Ont

Peake, E. P., B.A., Oshkosh, Wis., U.S.A Peppers, H. W., B.A., Fredericton, N.B Pittis, H., Plainfield, N. J., U.S.A Ross, S. A., Hintonburg, Ont Ryan, G. H. W., Montreal, Que Scott, J. F., D. V.S., Montreal, Que Thompson, C. J., Alexandria, Ont Sutherland, W. H., Sea View, P.E.I Symmes, C. R., Aylmer, Que Thompson, G. H., North Sydney, C.B Tooke, F. T., B.A., Montreal, Que Trites, C. B., Petit Codiac, N.B. Turnbull, T., Stratford, Ont Wilkins, F. F., Montreal, Que Wilkins, W. A., Montreal, Que Witherbee, W. D., Potsdam, N.Y., U.S.A Wood, D. F., Faribault, Minn., U.S.A Wood, J. H. M., Montreal, Que Woodley, J. W., Rockland, Ont

#### FOURTH YEAR.

Banfill, S. A., Magog, Que
Barlow, W. L., B. A., Montreal, Que
Bartlett, G. W., Brigus, Nfid
Bayfield, G. E., Charlottetown, P.E. I
Bearman, G. P., Bell's Corners, Ont
Beattie, R. F., Montreal, Que
Bell, J., New Glasgow, N.S
Blackett, J. W., Ormstown, Que
Brears, C. F., Regina, Assa
Brown, C. H., B.A., Carleton Place, Ont
Corbet, G. G., St. John, N.B
Corcoran, J. A., Warden, Que
Covert, A. M., Grand Manan, N.B
Cushing, H. B., B.A., Montreal, Que
Darle, W. H., B.A., Montreal, Que
Darle, W. H., B.A., Montreal, Que
Deane, R. B., Montreal, Que
Deane, R. B., Montreal, Que
Deane, R. G., Bathurst, N.B
Duval, J. L., Grand Ligne, Que
Fagan, G. A., B.A., Montreal, Que
Fagan, G. A., B.A., Montreal, Que
Forbes, A. M. T., Montreal, Que
Galbois, F. A., Sherbrooke, Que
Gillies, B. W. D., Teesswater, Ont
Gladman, E. A., Lindsay, Ont
Grace, N., Montreal, Que
Green, F. W., Victoria, B. C
Harvey, F. W., B.A., Abercorn, Que
Houston, J. C., New Glasgow, P.E.I
Hudson, H. P., Chelsea, Que
Hume, G. W. L., Leeds, Que
Jamieson, W. R., Ottawa, Ont
Jones, F. B., Montreal, Que

Lamb, J. A., Ottawa, Ont
Lang, A. A. J., Almonte, Ont
Long, C. B., Whitehall N Y
Lynch, W. W., Knowlton, Que
Macaulay, J. F., St. John, N B
Macaulay, H. R., Montreal, Que
McCabe, J. A., B A., Windsor Mills, Ont
McAllister, D. H., B.A., Belleisle, N.B
McLaren, R. W., St. Raphael's, Ont
McLean, J. N., Sarnia, Ont
McLean, J. N., Sarnia, Ont
McLeann, P. A., Lancaster, Ont
McLeann, P. A., Lancaster, Ont
McLeod, J., Hartsville, P. E.I
McMurtry, A. L., Bowmanville, Ont
Mooney, M. J., Inverness, Que
Moss, J. N., Montreal, Que
Myers, D. A., Prentice, Wis., U.S.A
Ogilvy, C., B.A., Montreal, Que
Oppenheimer, S. S., Vancouver, B.C
O'Shaughnessy, L. J., Oldham, N. S
Outhouse, J. S., B.A., St. Andrews, N.B.
Patterson, F. P., St. Martins, N.B.
Patterson, F. P., St. Martins, N.B.
Patterson, R. U., Baltimore, Md., U.S.A.
Peters, C. A., St. John's, Nfid
Pigeon, W. H. Peterborough, Ont
Prodrick, W. S., Ottawa, Ont
Rajotte, E. C. F., Montreal, Que
Robertson, D. McD., Perth, Ont
Rose, W. O., Lakeville, P.E.I
Rutherford, R. M., Hawkesbury, Ont
Scanlan, Harry, Gloucester, Mass, U.S.A.
Schwartz, H. J., Quebec city, Que
Sihler, W. F., Simoce, Ont
Smith, A. M., B.A., Petit Codiac, N.B.
Stockwell, H. P., Danville, Que
Telford, R., Valens, Ont
Iffany G. S., Alexandria, Ont
Walker P. McH., Grafton, N. D., U.S.A
West J., Montreal, Que
Whitton, D. A., Ottawa, Ont

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#### GRADUATE STUDENTS.

Anderson, D. P., B.A., M.D., Montreal, Que Bazin, A. T., M.D., Montreal, Que Burnett, J. U., M.D., Sussex, N. B Boone, S. W., B.A., M.D., Presque Ile, Maine Church, H. M., M.D., Montreal, Que Foster, A. L., M.D., Ottawa, Ont Finnimore, D. W., M.D., Potsdam, N. Y Fyfe, Mary, M. D., Montreal, Que Gibson, T., M., B. C.M., Ottawa, Ont Jakes, R. W. M.D., Greenwood, B.C Mackenzie, W. D., M.D., Parrsboro, N.S Maedonald, Helen, B.A., M.D., Montreal, Que

McElroy, A. S., M.D., Montreal, Que Main, C. G., M.D., Edmundston, N. B Mitchell, Wm., M. D., Quebec, Que Moriarty, J. W., M.D., Churubusso, N.Y O'Neill, J. W., M.D., Mooer's Forks, N.Y Pater, H. K., M.D., Pittsfield, Mass Pearson, J. E., M.D., Sylaconga, Ala Rielly, W., M.D., Montreal, Que Ranney, E. O., M.D., Barton Landing, N.Y Rodger, D. A., M.D., Montreal, Que Sharp, J. C., M.D., Marysville, N.B Sprague, W. E., M.D., Belleville, Ont Williams,—, M. D., Montreal, Que Yonker W., M. D., Belleville, Ont

#### XXI.

# LIST OF PRIZEMEN AND MEDALLISTS IN THE MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and prizes were established for the best Thesis and for the best Examination in the Primary and Final branches.

In 1865 the Holmes' Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final branches. For statement concerning other prizes, see p. 73.

The following is the List with the present addresses of the

1854. FOR GENERAL PROFICIENCY.—Ist Prize—Robert Craik, Montreal.

2nd Prize-Thomas Simpson, Montreal.

1855. Thesis.—James McG. Stevenson, Ruby, Mich.

Final Examination.—James McG. Stevenson, Lake Port,

Final Examination.—James McG. Stevenson, Ruby, Mich.

Primary Examination.—Walter J. Henry.\*

1856. Thesis.—Walter James Henry,\* and W. J. Jones, Prescott, O. Final Examination.—E. Laberge.\*

Primary Examination.—\*Hon. Levi R. Church, Montreal, Q. 1857. Thesis.—\*Hon. Levi R. Church, Montreal, and D. T. Ro-

bertson, Lennoxville, Q.

Final Examination.—\*Hon. Levi R. Church, Montreal, Q.

Primary Examination.—James Kerr.\*

1858. THESIS.—Timothy F. English, \*and W. F. Taylor, Peterboro, O. Final Examination.—Wm. Harkin.\*

Primary Examination.—Wm. Harkin.\* 1859. Thesis.—Edward W. Smith.\*

Final Examination.—James J. O'Dea, Stapleton, Staten Island, New York.

Primary Examination.—Henry Warren.\*

1860. Thesis.—J. W. Pickup.\*

Final Examination.—Henry Warren.\*

Primary Examination.—Joseph M. Drake,\* and Fred. Sutherland.\*

1861. Thesis.—Joseph M. Drake,\* F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.

Final Examination.—Joseph M. Drake.\*

Primary Examination.—Thos. C. Walton, Inspector U. S. Navy Annapolis, Md.

<sup>\*</sup> Deceased.

- 1862. Thesis.—R. M. Bucke, London, O.

  Final Examination.—John A. Stewart.\*

  Primary Examination.—John J. Marston, Cheyenne, Wyoming.
- 1863. Thesis.—Wm. C. Gustin.\*

  Final Examination.—J. J. Marston, Cheyenne, Wyoming.

  Primary Examination.—R. A. Kennedy,\* and Peter A. MeDougall, Ottawa, and C. F. Bullen.\*
- 1864. Thesis.—W. W. Squire.\*

  Final Examination.—D. Howard Harrison, Winnipeg.

  Primary Examination.—Kenneth Reid, New York.
- 1865. Holmes' Gold Medal.—E. P. Hurd, Newburyport, Mass.

  Final Examination.—H. L. Vercoe.\*

  Primary Examination.—George Ross,\* and W. Gardner,

  Montreal.
- 1866. Holmes' Medallist.—George Ross, M.A.\*

  Final Examination.—William Gardner, Montreal, Q.

  Primary Examination.—Clinton W. Kelly, Louisville, Ky.
- 1867. Holmes' Medallist.—Clinton W. Kelly, Louisville, Ky.

  Final Examination.—C. W. Kelly, Louisville, Ky.

  Primary Examination.—Wm. Henry Patterson.
- 1868. Holmes' Medallist.—T. G. Roddick, Montreal, Q.
  Final Examination.—T. G. Roddick, Montreal, Q.
  Primary Examination.—Andrew Harkness, Lancaster, O.
- 1869. Holmes' Medallist.—T. D. Lucas.\*

  Final Examination.—Andrew Harkness, Lancaster, O.

  Primary Examination.—Alexander A. Henderson, Ottawa, O.
- 1870. Holmes' Medallist.—A. A. Henderson, Ottawa, O. Final Examination.—O. H. E. Clarke, Chicago. Primary Examination.—J. H. Mathieson, St. Mary's, O.
- 1871. Holmes' Medallist.—J. H. Mathieson, St. Mary's, O. Final Examination.—H. P. Wright, Ottawa, O. Primary Examination.—Thomas Kelly, Omaha, Neb.
- 1872. Holmes' Medallist.—Hamilton Allan, Tacoma, W. T.
  Final Examination.—G. A. Starke, Milwaukee, Wis.
  Primary Examination.—F. J. Shepherd, Montreal.
  Special Prize for Thesis.—W. Osler, Baltimore, Md.
- 1873. Holmes' Medallist.—Thomas Kelly, Omaha.

  Final Examination.—D. A. Alguire, Cornwall, Ont.

  Primary Examination.—J. D. Cline, B.A.\*
- 1874. Holmes' Medallist.—J. D. Cline, B.A.\*

  Final Examination.—J. C. Cameron, Montreal.

  Primary Examination.—S. J. Tunstall, B.A., Kamloops, B.C.

- 1875. HOLMES' MEDALLIST.—S. J. Tunstall, B.A., Kamloops, B.C. Final Examination.—J. B. Benson, Chatham, N.B. Primary Examination.—C. H. Murray, B.A.\*; R. H. W. Powell, Ottawa, Ont.
- 1876. HOLMES' MEDALLIST.—Robert H. W. Powell, Ottawa, O. Final Examination.—Chas. H. Murray, B.A.\*

  Primary Examination.—Alex. C. Fraser, Manitowoc, Wis. Special Prize for Thesis.—R. L. MacDonnell, B.A., Montreal.\*
- 1877. Holmes' Medallist.—James Bell, Montreal, Q. Final Examination.—W. D. Oakley, Streetsville, O. Primary Examination.—H. N. Vineberg, New York.
- 1878. Holmes' Medallist.—H. N. Vineberg, New York.

  Final Examination.—T. W. Mills, M.A., Montreal.

  Primary Examination.—W. R. Sutherland, Montreal.

  Sutherland Gold Medal.—J. M. Lefebvre, Vancouver,

  B.C.
- 1879. HOLMES' MEDALLIST.—J. B. Lawford, London, Eng.

  Final Examination.—A. W. Imrie, Detroit.

  Primary Examination.—J. A. McDonald, Montreal.

  SUTHERLAND GOLD MEDAL.—W. L. Grey, Pembroke, O.
- 1880. Holmes' Medallist.—J. A. McDonald, Montreal.

  Final Examination.—H. B. Small, Ottawa.

  Primary Examination.—James Ross, B.A., Dundas, O.

  SUTHERLAND GOLD MEDAL.—H. W. Thornton, B.A., New Richmond, Q.
- 1881. Holmes' Medallist.—James Ross, B.A., Dundas, O. Final Examination.—John W. Ross, Cohoes, N.Y. Primary Examination.—R. J. B. Howard, B.A., London, Eng. Sutherland Gold Medal.—C. E. Cameron, Montreal.
- 1882. Holmes' Medallist.—R. J. B. Howard, B.A., London, Eng. Final Examination.—Henry V. Ogden, B.A., Milwaukee, Wis.

Primary Examination.—George A. Graham, Hamilton, O. SUTHERLAND GOLD MEDAL.—Wyatt G. Johnston, Montreal, Q.

Morrice Scholar.—Wyatt G. Johnston, Montreal, Q.

1883. Holmes' Medallist.—C. E. Cameron, Montreal.

Final Examination.—L. B. Loring, Chicago, Ill.

Primary Examination.—Ed. G. Wood, Mitchell, O.

SUTHERLAND GOLD MEDAL.—R. F. Ruttan, B.A., Montreal, Q.

MORRICE SCHOLAR.—R. F. Ruttan, B.A., Montreal, Q.

- 1884. Holmes' Medallist.—Wm. A. Ferguson, Bathurst, N.B. Final Examination.—James P. McInerney, Kingston, N.B. Primary Examination.—Smith Gustin, Bay City, Mich. Sutherland Gold Medal.—John Elder, B.A.,
- 1885. Holmes' Medallist.—Edwin G. Wood, Mitchell, O.

  Final Examination.—Smith Gustin, Bay City, Mich.

  Primary Examination.—Ed. J. Evans, La Crosse, Wis.

  Sutherland Gold Medal.—H. A. Lafleur, B.A., Montreal, Q.
- 1886. Holmes' Medallist.—Herbert S. Birkett, Montreal, Q.

  Final Examination.—Walter W. White, M.A., St. John, N.B.

  Primary Examination.—William I. Bradley, Sault St. Marie.

  Sutherland Gold Medal.—William I. Bradley, Sault

  St. Marie.
- 1887. Holmes' Medallist.—Ed. Evans, La Crosse, Wis. Final Examination.—Henri A. Lafleur, B.A., Montreal, Q. Primary Examination.—A. E. Garrow, Ottawa.

  Sutherland Gold Medal.—John Creasor, Toronto, O.
- 1888. Holmes' Medallist.—N. D. Gunne, St. Mary's, O.

  Final Examination.—W. G. Stewart, Montreal, Q.

  Primary Examination.—R. E. McKechnie, Montreal, Q.

  Sutherland Gold Medal.—C. W. Bissett, St. Peters, N.S.
- 1889. Holmes' Medallist.—Alex. E. Garrow, Ottawa, O.

  Final Examination.—\*Hugh McKercher.

  Primary Examination.—Wm. Arthur Brown, Chesterville, O.

  Sutherland Gold Medal.—John C. Clemesha, Port
  Hope, O.
- 1890. Holmes' Medallist.—R. E. McKechnie, Nanaimo, B.C.

  Final Examination.—E. J. Bowes, Soudan, Minn.; M. W.

  Murray, New Decatur, Alabama.

  Primary Examination.—James Henderson, Warkworth, Ont.;

  Thomas Jameson, Rochester, N.Y.

  Sutherland Gold Medal.—Thomas Jameson, Rochester,

  N.Y.

  Clemesha Prize.—A. H. Coleman, Tacoma, Wash.
- 1891. Holmes' Medallist.—W. A. Brown, Chesterville, Ont. Final Examination.—W. F. Hamilton, Sackville, N.B. Primary Examination.—W. E. Deeks, Williamsburg, Ont. Sutherland Gold Medal.—J. A. Henderson, Orangeville, Ont. Clemesha Prize.—W. S. Morrow, Halifax, N.S.

1892. Holmes' Medallist.—Thomas Jameson, Rochester, N.Y.

Final Examination.—James Henderson, Warkworth, Ont.

Primary Examination.—A. Davidson, Burns, Ont.

SUTHERLAND GOLD MEDAL.—A. Davidson, Burns, Ont.

CLEMESHA PRIZE.—W. B. H. Massiah, Barbadoes, W.I.

1893. HOLMES' MEDALLIST.—W. E. Deeks, B.A.; N. Williamsburgh, Ont.

Final Examination.—John Alexander Henderson, Orangeville, Ont.

Primary Examination.—W. J. LeRossignol, B.A., Montreal, Q.

SUTHERLAND GOLD MEDAL.—Walter J. LeRossignol, B.A. CLEMESHA PRIZE.—R. B. McKay, B.A., Toronto, Ont.

1894. Holmes' Medallist.—Andrew A. Robertson, B.A., Montreal, Q.
Final Examination.—Albert G. Nichols, M.A., Montreal, Q.
Primary Examination.—W. N. Kendrick.
SUTHERLAND MEDAL.—G. D. Robins, B.A., Montreal, Q.
CLEMESHA PRIZE.—Allan Davidson, Burns, Ont.

1895. HOLMES' MEDALLIST.—William A. Feader, Iroquois, O. Final Examination.—Wm. G. Reilly, Ottawa, Ont. Primary Examination.—C. B. Keenan, Ottawa, Ont. SUTHERLAND MEDAL.—C. B. Keenan, Ottawa, Ont. CLEMESHA PRIZE.—W. W. Wickham, Summerside, P.E.I.

1896. Holmes' Medallist.—Geo. Dougall Robins, B.A., Montreal, Q.

Final Examination.—Geo. Reginald Deacon, Stratford, Ont. SUTHERLAND MEDAL.—A. L. McMurtry, Bowmanville, Ont. CLEMESHA PRIZE.—Robt. Oswald Ross, B.A., Rossville, N.S.

Second Year Examination.—W. O. Rose, Lakeville, P.E.I. First Year Examination.—A. H. Gordon, St. John, N.B.

1897. Holmes' Medallist.—John G. Dougall, Blue Mountain, N.S. Final Examination.—A. R. Pennoyer Gould, Que. Chemistry Prize.—I. H. Laidley, Montreal, Que. Third Year Examination.—W. H. Dalpé, B.A., Montreal, Q. Second Year Examination.—F. J. Nicholson, B.A., Victoria, B.C.

First Year Examination.-D. R. Secord, Brantford, Ontario.

<sup>\*</sup> Deceased.

# DOCTORS IN MEDICINE.

	THE DICTIVE.	
Aborn, W. H	Hawley 35	
		1887
Addison, Jas. L	St. George, O	1884
		1890
		1886
		1871
		1895
		1891
		1873
		1872
	Montreal	
and di ficility		1885
	Swanton T/t	1866
Allen, J. H., B.A	Commencial 35	1883
*Alloway, Thomas Johnson	Mass	1895
*Andersen John C	* ** ** ** ** ** ** ** ** ** **	1869
*Andersen, John C		1865
THE TOTAL OF THE TANK OF THE T	Mod Dont Tardian	1866
and the Diff.	Chaudiana Pagin	1895
Zilicilolly, Zi. Li	. Rerwick NG	1895
all office, I flos	. Wangworth Eng	1869
Alcindatu E. W. B.A.	Montrool Owo	1896
Ardagn, Johnson	Orillia O	1886
Algue, J. F	Carn Ont	
Armitage, J. M	. Waterloo	1896
Armstong, G. E	Montreel	1886
*Arnoldi, Daniel (Hon.)	· Montreal	1877
Arthur, R. H	G., 3b	1847
Atkinson Robert	.Sudbury, O	1885
Atkinson, Robert	the state of the state of the same	1862
Ault, Charles	.Montreal	1855
Ziuit, C. It	Montreal	1896
Auit, James F		1855
Huit, Alexander	Oshkosh, Wis	1860
Aurt, C. A	.Colfax, Washington Terr	1890
Auit, Euwin D	.Aultsville, O	1868
Austin, Fred, John	.Sherbrooke, Q	1862
Ayer, N., M.A	Amherst, N.S	1880
Aylen, E. D	.Montreal O	
Aylen John	Avlmer O	1893
Aylen, James		1857
	Fort Mot and Alberta St.	1863
	Fort McLeod, Alberta, N.W.T.	1886
	Sheldon, N. Dakota	1889
Backhouse, J. B	.Braidwood, Ill	1870
Baer, D. C	Summerfield III	1888
Balley, John W., B.A	Northfield Minn	1895
Bain, D. S. E	Staff-Surgeon Major	-
Bain, Hugh U	Prince Albert NWT	1868
Baird, James G	Riverside Colif	1874
Baird, T. A. D	Roy City Mich	1870
Baker, Albert	Dayligh Dayligh Dayligh	1885
*Barclay George	Dawlish, Devon	1848
*Barclay, George		1870

<sup>\*</sup> Deceased. + Holmes Medallist.

Barclay, J Montreal, Q	1897
*Barnston, James (ad eum)	1856
Barrett, Jos. A	1884
Basken, J. T Mille Roche, Ont	1895
Battersby, Charles Port Dover, O	1861
Baynes, Geo. Aylmer 8 St. James Place, W. Chicago	1869
Baynes, Donald, M.A44 Brooks St., Gros. Sqr., London, Eng.	1876
Bazin, A. T Montreal	1894
*Beatty, D	1862
Beatty, E. D	1895
*Beaudette, Alfred	1865
Beaudry, Louis B St. Cesaire, Q	1871
Beckstead M Lisbon Centre, St. L. Co., N.Y.	1878
Beers, A. H	1891
*Rell Tohn M A	1865
*Bell, John, M.A	
Bell, Robert W Peterboro', O	1873
†Bell, James	1877
Bell, Robt, C.E Ottawa	1878
Bell, J. H., B.A Montreal	1888
Belleau, AlfredQuebec	1862
Bender, Prosper Essex Chamb's, Boston, Mass.	1865
	1891
Benson, Joseph B	1875
*Bergeron, Joseph	1870
Bergin, Darby	1847
Berry, J. A Kalispell, Mont	1887
	1888
	1892
	1891
	1863
	1843
	1892
	1886
Righon C W	
	1895
	1890
Blackader, Alex. D., B.A Montreal	1871
	1887
	1851
*Blanchet, J.B	1863
Blair, Robt. C 1 Ursule St., Quebec	1865
*Bligh, John W	1855
Blow, T. H South Mountain, O	1895
Blunt, H. W	1893
Bogart, Irvine D	1859 .
Boggs, G. W New Westminster, B.C	1886
	1875
Bonesteel, S. A Columbus, Neb	1881
7 7 7	1896
Daniel C III D A	1887
D11 T C	1889
Destroids W. E.	1893
Develor D D	
Penalt C W	1895
Bouck, C. W	1895

*Boulter, Geo. H	1852
Total of the second of the sec	1892
Donorvillo Tono	1887
Dowel, Blias J Woddington at W	1865
Donos, L. J Soudan Minn	
Donie, It. A., Prodraille	1890
Downaii, William E.	1891
Bowser, J. C	1860
Boyd, Jav.	1892
Boyd, Jay	
*Boylan Andrew A	1842
*Boylen, Andrew A	1857
Boyle, Albert D	1877
*Bradley, William	1889
Diadley W. I., D.A., Montreal O	1888
*Braithwaite, Frances H	1853
Braithwaite, J. M Barbadoes, W. I	1896
Brandon, John	1867
Bresin, William I	847
Brigham, Josian S	848
Brissette, Henry R	871
Bristoi, Amos S	.850
Broughten, E. J St John N.B.	890
Brodeur, Alphonse Boxton Falls O	863
Brodle, John	877
Brooks, Samuel T St. Johnshury Vt	851
Brossard, J. B J Laprairie O	875
*Brouse, William H	847
Brouse, Jacob E	861
Brouse, J. E	892
	882
	897
	889
	863
	873
Promin T A	879
	893
Promp W A	392
Promin W W	391
	397
Browne, Arthur A. P. A.	381
Browne, Arthur A., B.A Montreal, Q 18	372
Bruce, D. A	392
*Bruneau, Adolphe	353
*Bruneau, Oliver T. (Hon.)	343
*Bruneau, Onesime	
*Brunette, J. S	
Brunelle, P Lowell, Mass	
Bryfon, William G	
*Bucke, Edward H	
Bucke, Richard Maurice London, O	
*Buckle, John M. C	
Buckley, William P Prescott, O 18	70

Bull, George J	1869
*Bullen, Charles F	1864
Buller, Frank,	1874
Burch, B. F., Walla Walla, Wash Ter	1866
Burgess, J. A Listowell, O	1868
*Burland, John H	1863
Burland, William B	1872
Burland, W. H Punta Gorda, Fla	1875
Burland, Samuel C Chester, Penn	1877
Burland, Benj. W	1882
Burrell, R. H., B.A Yarmouth, N.S	1897
Burritt, C. H	1890
Burritt, Horatio C	1863
Burrows, Philip P Lindsay, O	1866
Burrows, F. N Bathgate, North Dak	1885
*Burnham, Robert Wilkins	1860
*Burns, Alfred J	1854
Burwash, Hy. J	1876
Busby, J Whitehall, Mich	1891
*Butler, George C	1865
Butler, Billa F London, Ont	1879
*Buxton, John N	1849
Byers, W. G. M Montreal, Que	1894
Www.datta Wish	1000
Cahalan, James Wyandotte, Mich	1880
Calkin, B. H	1891
Cameron, James C	1874
Cameron, Duncan H	1877
Cameron, John D	1879
Cameron, J. D	1893
*Comeron, Paul	1881
	1883
Cameron, D. A	1885
Cameron, K., B.A Montreal	1887
Cameron, J. J Kearney, Neb	1888
*Campbell, G. W., M.A. (ad eun.)	1843
*Campbell, Donald Peter	1860
Campbell, C. G., B.Sc Montreal, Q	1889
*Campbell, A. W	1886
Campbell, Francis WaylandMontreal	1860
Campbell, I. G Montreal, Q	1897
*Campbell, Samuel	1866
Campbell, John Brooklyn, N.Y	1869
*Campbell, J	1876
Campbell, J. M Saginaw, East Side, Mich	1890
Campbell, Lorne	1882
Cannon, Gilbert	1877
Carmichael, D. A Mar. Hosp. Ser., Cairo, Ill	1873
Carey, Augur, D. L. (ad eun.)	1864
Carmichael, H. B Montreal, Q	1892
Carlaw, C. M	1891
Carmen, Philip E Detroit, Mich	1879
Caron, F. B Brockville, Ont	1896

Cassidy, David M	1867
Cassidy, George A Goldstone, O	1886
Cassidy, J	1865
*Carroll, Robert W. W	1859
Carroll, R. W	1893
Carruthers, GeoAlberton, P.E.I	1883
Carson, J. H	1881
*Carson, Augustus	1843
	1859
Carter, Samuel A Meadow Vale, O	
	1888
	1870
Castrain, Chas. E., HonWindsor, O	1851
Castleman, A. L E. Williamsburg, O	1888
Cattanach, Andrew J	1871
Cattanach, A. M Oscada, Mich	1892
Cattanach, W. S Dalhousie Mills, O	1886
Chagnon, V. G. B Fall River, Mass	1861
Chabot, J. L	1892
	1895
	1888
	1849
	1869
	1862
Chevalier, Gustave Bedford, Q	1860
Chevalier, Napoleon E St. Johns, Q	1873
Chipman, C. J. H., B.A Ottawa, O	1868
Chipman, R. J Le Grand, Oregon	1892
*Chisholm, Alex	1878
	1879
	1872
	1865
	1848
	1875
	1887
	1882
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	1896
	1868
	1855
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	1864
	1884
	1846
	1896
	1891
	1001
Clark, F. G. B Fordwych Road, Kilburn,	1876
	1870
	871
	890
Clarke, J. W	000

Clark, Richard A St. Thomas, O 1	1870
Clarke, J. L	1886
Clement, Victor A St. Guillaume, Q 1	1886
	1867
	1891
Clindinin, S. L Brighton, O	1897
Cline, John D., B.A	1874
Clinic, John D., D.A	1890
Clouston, J. R	1888
Clouston, J. It	1870
Clumoss, Damer	1893
Codd, Allica	1865
Coloman, 2. II	1890
	1869
Compon, It.,	1878
*Colquhoun, George	1876
Colquhoun, P., B.A Montreal, Q	1896
Colvin, A. R Lethbridge, N.W.T	1894
Commeau, John B	1870
Commins, M.E., B.A St. Stephen, N.B	1895
Conroy, C. P	1888
Como, C. 1	1876
Cook, Hermon L	1854
	1869
Cooke, by and I	1884
Cook, Bileluon E	
	1866
Cooke, ii. II ii ii ii ii D Ibidon, Cari	1876
	1893
Copeland, Wm. L 866 W Munroe St., Chicago, Ill	1872
*Corbett, A. M. P	1854
Corbett, F. A. F., B.A Parrsboro, N.S	1896
Corbett, Wm. H Brig. Surg. Army Med. Dept.	1854
Corbin, F. G Chascornus Buenos Ayres,	
S.A	1890
Corlis, Josiah Sydney, Australia	1869
Cormack, Wm	1881
*Corsan, John	1869
	1885
	1887
Cotton, C. L	
Cousins, W. C	1882
Cowie, A. M St. Diego, Cal	1887
Cowie, W., B.A Montreal, Q	1895
Cox, Frank	1869
Coyle, Henry W	1876
Craig, Thornton	1876
Craig, M. A Lower Lake, Cal	1886
Craig, R. H Montreal, Q	1896
Craik, Robert, LL.D Montreal, Q	1854
Cram, Daniel C	1872
*Crawford, James (ad eun.)	1854
Creasor, J. A., B.A Spadina Ave., Toronto, O	1889
Crichten, Stuart	1865
Crocket, W. C., B.A Fredericton, N.B	1886
Crockett, A. P	1896
Crockett, A. P Damousie, N.B	1990

*Cowley, Thomas McJ	1870
	1889
Chathana William	1876
	1895
	1848
	1858
	1891
	1873
	1890
	1000
*Daly, Guy D. F	1868
Daly, Walter S Ogdensburg, N.Y	1885
*D	1842
Dansereau, Chas	1869
D	1835
Darey, J. H	1885
Davidson, A	1894
Device Thomas D	1884
Designan E E	1871
	1894
	1882
	1892
	1895
	1885
Deacon, G. R Stratford, Ont	1896
*Dearden, G. A	1882
	1847
DeBonald, C. S	1862
DeBoucherville, Charles B Quebec, Q 1	1843
*Decelles, Charles D	1841
DeCow, D. McG Montreal, Q 1	1886
†Deeks, W. E., B.A	1893
	868
Delaney, W. J Nangatuck, Conn	.889
Delmage, F. W., B.A St. Marys, Ont 1	897
	852
Derby, W. J	.882
	863
Desmond, F. J Newcastle, N.B 1	888
	888
	893
	.896
	891
	893
	880
200,	864
Didit, Oddinos -	842
	846
	868
	853
Dickson, J. A., B.A Knowlton, Q 15	887
	863
*Dodd, John	864
Doherty, W. W	885

Donahue, M	1890
Donnelly, C. H	1863
*Dorion, Severe	1846
*Dorland, Enoch P	1850
Dorland, James State St., Chicago	1875
*Dougan, Wm	1867
Douglas, James, Hon	1847
Dowling, John F Eagansville, O	1875
Doyle, J. J	1897
*Drake, Joseph M	1861
Drum, L., B.A Quebec, Que	1896
Drysdale, W. F	1894
Dubuc, Charlemagne	1864
*Ducket, Stephen	1853
Duckett, William A Montreal, Q	
Duckett, F. J Montreal, Que	1896
Duford, Thadee A St. Sebastien, Q	1865
Duhamel, Louis	1860
Dunbar, W. R	1897
Duncan, George	1866
Duncan, Gedeon M	
Duncan, George C London, Eng	1871
Duncan, James SSurgeon-Major Army	1875
*Duncan, John	
Duncan, John AVictoria, B.C	1871
Duncan, W. T Fergus Falls, Minn	.1884
Duncan, G. H	1882
Dunlop, H. A	
*Dunn William Occar	1882
*Dunn, William Oscar	1843
Dunsmore, John M Stratford, O	1870
Dupuis Joseph B	1856
DuVernet, Edward	1893
Easton, John Brockville, O	42-4
Easton, C. L	1852
Eberle, Harry A Kansas City, Mo	1887
*Eberts, D. W	1876
Eberts, E. M. von	1885
Edgar, C. J	1897
Edwards Elipholot C	1887
Edwards, Eliphalet G Grand Rapids, Mich	1855
Edwards, J. S London, O	1880
Edwards, Oliver C Ottawa, O	1873
Elder, John B. A Montreal, Q	1885
Elderkin, Edwin J	1884
Elkintohn, A. G	1862
Elliott, F. B Mayfair, Ont	1896
Ellison, S. R	1873
Ellis, W. E	1887
Ellis, T. H	1890
Ellis, W. L St. John NR	1895
Ellis, G. H Dundela Ont	1896
Emery, Gordon J., Minneapolis Winn	1857
England, W. S Winning	1889
*English, T. F	1858

*Erskine John	
*Erskine, John	1860
Esson, F. G	1889
Estey, A. S	1894
Ethier, Calixte	1867
Evans, Griffith	1864
Evans, D. J	
†Evans, E. J Lacrosse, Wis	.1887
Evans, J. W. Lacrosse, Wis. Ewan, R. B. Hull, Q	1894
T	1896
Ewing, William	1873
Falkner, Alexander	2010
Falkner, Alexander	1866
Falls, Samuel K	1878
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Noriolk, Va	1868
Englar T Sherbrooke, Que	1891
Earles I	1877
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Final Control of the	1878
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Montroal	1885
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- Canning NC	891
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Tailing II, William S	895
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Fraser Alex C	1877
*Fregor William	1836.
Frager William H La Salle, Ill	1867
Fraser, Donald M Stratford, O	1869
*Fraser, Donald	1868
Fraser, J. R Lakefield, O	1878
Fraser, J. R	1887
	1871
Freeman ( W	
Fritz H D BA St. John, N.B	1888
Fry F M B A	1894
Fuller W Grand Rapids, Mich	1866
Fuller, H. LeRoy, B.A Sweetsburg, Q	1870
Fulton, J. H	1863
Fulton, J. AFranklin Centre, Que	1894
	1882
Gallant St C I Charlottetown, P.E.I	1895
*Garvey, Joseph	1852
Gardner, H. H	1878
Gardner, John J	1883
Gardner, John J	1871
Gardner Wallnew	1867
Gardner, A. W Montreal, Q	1881
Gairdner T. M York, Neb	1880
+Garrow. A. E Ottawa, O	1889
*Gascoigne Geo. E	1861
Gaviller Edwin A	1873
*Gauvreau, Elzear	1855
*Gauvreau, Lewis H	1836
Gemmill, E. W	1889
Gendron, Thomas St. Raymond, Q	1866
*Gernon, George W	1872
*Gibb, George D	1846
Gibson, John B	1855
Gibson, John B	1878
Gibson, W. B	1864
*Gibson, Edward B	1886
Gibson, J. B	
Gibson, R. J	1891
*Gilbert, Henry L	1875
Gilday, F. W Montreal, Que	1897
Gillis John A. FSummerside, P.E.I	1877
Gillies John Teeswater, O	1867
Gilmour, Angus A 404 Golden Gate Ave., San	
Francisco, Cal	1868
Girdlestone, C. W	1892
*Giroux, Philippe	1859
Girdwood, Gilbert P	1869
Gladman, G. J	1886
Gladman, G. J	1895
Gleason, J. H Elm St., Manchester, N.H	
Glen, C. W. E Chambly, Q	1200
Glendenning, R. T Manchester, Mass	1892
*Godfrey, Robert	. 1844
Godfrey, Abraham C Freemantle, Southampton, Eng	1865

	Godin Toront	
	Godin, Joseph	1861
		1893
	Buncorn Charter E-	1875
	Montrool O	1863
	Gooding Chs E	1896
	Goodwin W W	1884
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	Avian O	1881
	di Die et	
	Arlington Til	1868
	Gordon, W. W	1000
	Gorrell, A. S	1863
	Gorrell, C. W. F	1890
	Gourley T A Garrett Hospital, Mt. Airy, Md	1894
	Gourley, T. A Eganville, Ont	1897
	Grafton, E. A	1891
	Granam, Charles E., Hull O	1865
	Granam, George A	1884
	Granam, Henry	1863
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		1875
	Granam P C P	1886
	Grant A T	1892
	Grant, A. J Pembroke, Ont	1896
	Grant, H. A Peterboro, O	1892
	Grant, Donald J	1863
	Grant, D	1896
	Grant, James A., Sir Ottawa O	1854
	Grant William Double O	1882
		1867
	Grant J. D.	1886
	Grant, J. P New Glasgow, N.S	1895
	Gray, John S Winnipeg, Man	1876
	Gray, Thomas St Mary's O	1879
	Gray, James 2600 Boomington Ave., Min-	
		1883
	Grav W T	
-	Greaves Henry C	1881
-	Greenwood F C	1877
-	Greene T T	1878
	Greene, T. J Oxford, Chenango Co., N.Y	1890
		1876
	*Grenier, L. P. A	1863
1	Groves, George H Carp, O	1879
	Groves, W Quyon, Q	1886
-	Chronin Tomas T T	1878
(	Cuest Thomas E	
(	Cup Jaman D 1	1873
	Gun A	1861
-	Gun, A Durham, O	
1	Gunn, N. D	1888
(	Gunter. F.B., B.A	1893
-		1897
(	Gurd, David F Montreal, Que	1879
(	~ ~	1885
-		1863
1	Haentschell, C. W Mattawa, O	1888

*Hagarty, D. M. J	
Haight, M	
Haldimand, A. W	
*Hall, Archibald (ad eun.)	
*Hall, James B	
*Hall, James B	
THAIL J. W	
Hall A. (i	
Hall, W	
Hall, M. K Franklin Centre, Q 1893	
Hallett, E. O	
Halliday James T Peterboro', O 1800	
*Halliday, Vernon St.C	
Hamel, Joseph A 1856	
*Hamer, A. L	
Hamilton, G	
*Hamilton, Andrew W	
*Hamilton, Andrew W	
Hamilton, Charles S Demorestyllie, O	
Hammon, H. D., D.A., Montical	
Hamilton, John R Port Dover, O 1871	
*Hamilton, Rufus F	
Hamilton, W. F.,	
Hamilton, R	,
Hammond, J. H	)
Hanna, A. E Perth, O 1885	;
Hanna, Franklin Perth, O 1879	)
Hanington, J. P	1
Hannington, J. P	
namington, E. B. C Victoria, D.C	
Hanover, William Seaforth, O	
Hallvey, C. D. II lampica, Mckico	
Harding E. S	
*Harding, F. W	
Harkin, F. McD Marquette, Mich 1885	
Harkin, Henry Liverpool, Eng 1867	7
*Harkin, William	3
Hargrave, I. L Danville, Q 1898	5
Harkness, Jno	2
Harkness, Andrew	9
Harris, N. M	
Lidilis, Iv. III.,	
Hallison, David II	
Harrison, H. J	
Harrison, J. D., M.A Edmonton, Alberta, N.W.T 189	
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Harvie, J. B	
Harwood, R. de L	
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Hayd, H. E	
Hayden, E. W	-

Harra Tomas	G!	+ 200
Hayes, James	Simcoe, O	1866
Hayes, John		1890
Hayes, J., B.A	Nelson, N.B	1891
Hayes, P.J	Montreal, Q	1892
Haythorne, T. J., B.A	Glen Avon, Monmouthshire, E	1886
Healey, D. J		1896
Heard, C. DeW		1880
Hebert, P. Zotique		1873
†Henderson, Alex. A Con		1870
*Henderson, E. G		1874
*Henderson, Peter A. M		1848
Henderson, And		1880
Henderson, James	Grafton, Ont	1892
Henderson, J. A	Montreal	1893
Henderson, W	Montreal	1894
*Henry, Walter (Hon.)		1853
*Henry, Walter J		1856
Henry, Wm. G		1888
		1879
Henwood, Alfred J		
Hepworth, W. G		1894
'Hervey, Jonas J		1866
Hetherington, Harry		1872
*Hewitt, J		1888
Hewetson, J John	s Hopkins Hos., Baltimore	1891
Hewetson, S. W		1893
Hickey, Charles E		1866
*Hickey, Samuel A., B.A		1874
		1881
*Higginson, H. A		
Hills, Joseph		1873
Hingston, W. H		1851
Hoare, C. W		1888
Hockridge, Thos. G	27 Tysoe St., Wilmington Ter.,	
	London, W.C	1874
Hogan, E. V., B.A	Weymouth, N.S	1896
Hogg, D. H	London, Ont	1892
Hogg, L., B.A	London, Ont	1895
Hogle, J. H	Montreal	1895
		1844
*Holden, Rufus	13 Langley St., Victoria, B.C.	1891
Holden, D. B., B.A	13 Langley St., Victoria, B.C.	1843
*Holmes, Andrew F. (ad eun.)		1889
Holmes, A. D	Detroit, Mich	1894
Holohan, P. A., B.A	Newcastle, N.B	
Holwell, John		1868
Hopkins, F. A	Montreal	1889
Hopkins, Alfred J	Pittsburg, Penn	1883
Hopkins, H. J	Pittsburg, Penn	1888
Houston, D. W	44 2nd Street, Troy, N.Y	1881
Howard, James	Lachine Q	1867
Floward Dobost		1872
*Howard, Robert		1848
*Howard, R. Palmer	Tandan The	1882
†Howard, R. J. B., B.A	London, Eng	1857
Howden, Robert	Winnipeg, Man	1896
Howell, W. B	Montreal, Q	
Howey, W. H	Sudbury, O	1919

Howitt, Wm. H	1870
Howland, Francis L Huntsville, O	1867
Hubbard, O. H	1888
*Hubert, P. T	1889
Hughes, P. H Leamington, O	1886
Hughson, E. R	1896
Hulbert, E. Augustus	1860
Hume, William L Leeds, Q	1875
*Unit I I	
*Hunt, J. J	1881
Hunt, Henry	1876
Hunt, J. H Surg. Maj. Army Med. Dept	1869
Hunt, Lewis G., B.A Sheffield, Eng	1871
Hurd, Ed. P Newburyport, Mass	1865
Hurdman, Benj. F. W Ottawa, O	1882
Hurdman, H. H	1897
Hurdman, H. T Bryson, Q	1885
Hurlburt, George W Thornbury, Q	1859
Hurlburt, Richard W Mitchell, O	1873
Hutchinson, John A Montreal, Q	1878
Hutchison, Jas. A	1884
	1001
Imrie, A. W	
Mich.	1879
Inksetter, D. G	1880
Inksetter, W. E	1890
Irvine, A. D	1896
Irvine, James C Liverpool, Eng	1866
Irvine, R. T	1885
Irwin, J. L	1879
Irwin, W. T Pembroke, O	1889
Irwin, A. F	1890
*Ives, Eli	
1,00, 121	1863
Jack, Du Vernet St. Andrews, N.B	1892
*Jackson, A. T	1846
Jackson, Wm. Fred Brockville, O	1873
Jackson, Joseph A	
To course TT 35	1879
Jacques, H. M	1894
Jakes, R.W	1893
Jameson, Thos	1877
*Jamieson, Alex., B.A	1892
Jamieson, Thomas A	1875
Jamieson, Chas. J	1879
Jamieson, W. H Montreal	1893
Jenkins, W. E	1890
Jento, C. P London, Ont	1890
Johnson, C. H Austin, Minn.	1884
Johnson, H. D Charlottetown, P.E.I	1885
Jehnston, J. A Emerald June. P.E.I	1897
Tahasan Tahasan D	1876
Johnson, J. C	1867
Johnson, J. R Spring Valley, Minn	1883
Johnson T W	
Tohngon Thomas C	1887
	1871

Tabuston W	1007
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	1884
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	1874
Jones, George N Burlington, Iowa	1874
*Jones, Thomas W. (ad eun.)	1854
*Jones, Jonathan C	1865
	1856
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Jose, A. C., B.A	1001
Kearney, W. J Mariposa, California	1875
	1894
Treating, or I is it is it is it. It wants, colors is it.	1890
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Keefer, Wm. N., B.A Rtd, Surgeon Major Bengal	1000-
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Keir, E. J Saratoga St., E. Boston, Mass.	1891
*Kelly, Clinton Wayne Louisville, Ky	1867
Kelly, Patrick N Wabasha, Minn	1884
*Kelly, Wm	1846
	1873
Kelly, J. A. A	1887
	1896
	1891
Kelly, C. I west Hamborough,	1890
Kemp, H. D Metis, Que	1896
Kemp, H. G Brighton, O	
Kempt, William Lindsay O	1864
Kendrick, W. N	1896
*Kennedy, Richard A	1864
Kennedy, R. A., B.A Ottawa, O	1886
Kennedy J. H Guelph, O	1888
Kenneey, F. L., B.A St. John, N.B	1888
Kerr, N	1889
*Kerr, James	1858
	1897
	1895
	1895
Killery, R. A Montreal, Q	1862
*Kincaid, R. M St. John	1859
King, Wm. M. H St. Sylvestre, Q	
King, Reginald, A.D Compton, Q	1868
King. Richard Peterboro, O	1867
King H. S	1892
King I H Andover, N.B	1895
Kinghorn H. McL., B.A., Montreal	1894
Wirby, H S Ottawa, Ont	1897
Triplach T A5656 S. Halstead St., Chicago, III	1886
*Kirkpatrick, R. C., B.A	1886
Kirkpatrick, E. A	1883
*Kirkpatrick, A	1856
*Kirkpatrick, A	

*Kittson, John G	1000
Kittson, Edmund G	1869
Klock. Robert HQuyon, Q	1873
Klock, W. H	1882
Knapp, H. T., B.A	1885
*Knowles, James A	1895
*Kollmyer, Alex H	1866
	1856
Laberge, Ed St. Philomene, Q	1856
Lanerty, A. M	1887
Daneur, H. A., B.A., Montreal O	1887
Montreel O	1897
Lang, A. L Montreel O	1897
Lambert, E. M Ottowa O	1891
Lambly, W. U Montreal O	1894
Tambiy, W. D Inverness O	
Lane John A	1896
There, John A	1884
	1877
Eninhault Minn	1876
	1881
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Lathern J S	1847
Lauder S E	1883
Laurin Edgar I	1896
Laurin, Edgar J Deer Lodge, Mon	1881
Lautermam, M	1895
Law, D. W. C	1863
Law, William K	1877
Lawford, John B	
	1879
*Lawrence, Henry J. H	1862
24 Main Ct 35-13	1893
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Montrool One	1897
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Lewin, A. A	200
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Tamin T II		
Lewis, J. F	Lawrence, Mass 1894	1
Middell, G. L	Cornwall, Ont	
*Lindsay, Heriot	1861	
Lindsay, W	St. Marys, Ont 1893	10
Lister, James	Brown City, Mich 1862	
*Lloyd, H. W		
Lockary, J. L	St. Stephen, N.B 1897	
*Locke, C. F. A	1872	
*Logan, David D		
Logan, Robert	Iona, Mich	
*Logie, Wm	1833	
*Long, Alexander		
Long, C. H	Escanaba, Michigan 1888	
Longley, Edmund	1866	
Longpre, Pierre F	Quebec	
Loring, J. Brown	80 Park ave., Chicago, Ill 1883	
*Loupret, Andre	····	
Loux, William	Ottawa, O	
Loucks, W. F	Stirling, O	
Love, A		
*Loverin, Nelson		
Lovering, W. T		
Lovering, W. I	Ballard, Wash. Ter 1891	
Lovett, William	Ayr, O 1870	
Low, D	Regina, N.W.T 1889	
*†Lucas, T. D'Arcy		
Lunam, H., B.A	Campbelltown, N.B 1881	
Lundy, E. L	Surgeon Major, Army 1862	
Lyford, Chas. C	Minneapolis, Minn 1879	
Lynch, D. P		
Lyon, Arthur		
Lyster, H. F	Richmond, Que 1897	
Maas, Rudolph J W	. Superior St., Duluth, Minn. 1880	
MacCarthy, G. S	Ottawa 1894	
Macartney, F. W	Montreal, Q 1896	
Macaulay, J. J. F		
MacCallum, E. C		
MacDonald, Angus		
*Macdonald, Colin		
MacDonald, R. T. E		
Macdonald, A. D		
Macdonald, D. J		
Macdonald, M. S	Marbleton, Q	
*MacDonald, Roderick		
Macdonald, Roderick Aeneas		
*MacDonnell, R. L., B.A		
MacFarlane, Wm		
Macfie, James		
MacIntosh, Robert		
Mack, Francis Lewis		
*Mackie, J. R		
*Macklem. Samuel S		
Mackenzie, K. A. J		
Maclean, Archibald		

MacLeay, A. A., B.A Danville, Q	1895
*Macnabb, Francis A. L	1870
MacNeill, Alex Kensington, P.E.I	1883
Macpherson, D	1896
MacTaggart, D. D., B.A Montreal, Q	1896
McArthur, Robert D	1867
McArthur, John A	1879
McArthur, J Winnipeg	1885
McArthur, A. D Littleton, Colo	1893
McArthur, A. W	1896
McBain, John	1874
McCallum, Duncan C Montreal	1850
	1878
McCarthy, W	1888
McCarthy, J. G	
McClure, W., B.A China	
McCollum, E. P Ellsworth, Kan	
*McConkey, T. C	
McConnell, John B Montreal	
*McCord, John D	1864
McCorkill, K. K. C East Farnham, Q	1882
McCormack, N	1885
McCormick, Andrew G Richmond, Q	1874
McCrea, J Detroit, Mich	1894
McCrimmon, Donald A Lucknow, O	1869
McCrimmon, John	1878
McCrimmon, Milton	1878
McCrimmon, A. A St. Thomas, Ont	
McCuaig, W. J	
McCurdy, John	
McCurdy, T Sawyerville, Que	
McDermid, Wm. E	
McDiarmid, Donald	
McDairmid, James	
*McDiarmid, John D	
McDonald, A. R Boyd, Wis	
McDonald, Alex	1883
McDonald, H. J	1885
McDonald, H. K Pictou, N.S	. 1896
†McDonald, John A Montreal	. 1880
McDonald, Jos. D. A Sherbrooke, Q	1873
McDonald, K. C Spencer, Iowa	
McDonald, A Vankleek, Hill, O	
McDonald, H. N 102 Central Ave., Minne-	
apolis, Minn	1889
McDonald, G	
McDonald, P. A	
	1887
McDonell, Aeneas Ottawa	1013

McDonell, A. E. J., B.A Winnipeg, Man	1888
	1874
McDonnell, Angus C Montreal	1852
McDougall, Peter A Ottawa O	1864
*McDougall, Peter A	1847
McDougall, D. S Russell O	1888
McDougall, G. P Grand River, P.E.I	1897
McDougall, J. G Blue Mountain NS	1897
McEachran, W Denver, Col.	1880
McElroy, A. S Richmond, Ont	1897
McEwen, D	1896
*McEwen, Findlay	1870
*McEwen, H	1889
McEown, F Winning Man	1890
McFarlane, M.A Ashton. O	1888
*McGannon, E. A	1881
	1896
McGannon, M. C	1000
	1885
	1886
McConny Tomos	1858
	1867
	1848
	1861
McComon III	1867
MaChath Minana	1849
	1861
McCuines III I	1879
*3/- C D 3 D	1873
	1891
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34 - T	1865
	1859
McTutoch T W	1894
McIntoch Develor	1870
	1889
McIntyre, Peter A Souris, P. E. I	1867
McKelcan, George Lloyd	1860
McKenzie, S. R	1893
McKenzie, J. T	1884
McKenzie, R. T	1892
McKenzie, B. E., B.A 14 Bloor St. W., Toronto, O	1880
McKenzie, L. F	1894
McKay, H. H New Glasgow, N.S	1890
McKay, John	1869
McKay, Walter Courtland, O	1854
McKay, J. M	1886
McKay, D. T	1892
McVey D D D A	1893
McKenty, J. E	1895
*McKercher, H	1892
†McKechnie, R. ENanaimo, B. C	1890

McKee, G. L	
McKinley, John K	
McKinnon, A. I	Havelock, Nebraska 1892
McKinnon, F. W	Vankleek Hill, Ont 1897
McKinnon, H	Ashland, Wis 1887
McKinnon, G. W	
McKinnon, T. H	Liverpool, N.S
	The state of the s
McKinnon, N	
McLaren, Peter	
McLaren, Peter	
McLaren, Peter	
McLaren, J. F	Belle Creek, P.E.I 1894
McLaren, D. C., B.A	Galt, O 1880
McLaughlan, J. A	
*McLean, Alexander	
McLean, C. M	
McLean, J. W	
McLean, I. M., B.A	
McLellan, A. A	
McLennan, A. A	Lancaster, Ont 1897
McLellan, A. C	10 Pleasant St., Gloucester,
	Mass. 1890
McLennan, D. A	Montreal, Que 1897
McLellan, Jas. H	Summerside, P.E.I 1884
McLennan, D	Martintown, O 1888
McLennan, K	
*McLeod, Arch, B.A	
McLeod, James	
McManus, H. D	
McMartin, D. R	
McMeekin, J. W	
McMicking, George	
*McMillan, Aeneas J	
*McMillan, D. L	
McMillan, Louis J. A	Mansonville, Q 1860
McMillan, John	Pictou, N.S 1857
McMillan, G. A	
*McMillan, J. H	
McMillan, W	
	Mass. 1893
McMorrine, R. T	
McMurray, Samuel	
McNally, G. J	
McNally, H. H	
McNally, W. P	Abrams Village, P.E.I 1897
*McNaughton, E. P	
McNee, Stewart	Ripley, N.Y 1879
*McNeece, James	
*McNeil, Ernest	
Macphail, J. A., B.A	
McQuillen, James	Marquette, Mich 1874
*McRae, George	

McRae, J. D Glen Ellis, Ont	1897
McRae, W. R Baddeck, C.B.	1897
McTaggart, AlexanderLondon Ont	1869
*McNean, John M	1865
*Madill, John	1867
Mader A I	
Mader, A. I	1891
Maher, J. J. E 213 W. 23rd St., New York	1883
Main, C. G Edmundston, N.B	1891
Mair, A.W Portage du Fort, Que	1892
Major, Geo. W., B.A Montreal	1871
Malcolm, John Rolph Scotland. O	1861
*Malhiot, Alfred	1846
Malloch, Edward C Ottawa, O	1363
*Malloch, William B	
Malloch N	1867
Malloch, N	1897
Mallory, Albert E Colborne, O	1872
Maloney, M. J Eganville, Ont	1897
Manchester, G. H	1894
*Marceau, Louis T	1872
Markell, Richard S Cloverdale, Cal	1867
*Marr, Israel P	1849
Marr, Walter H W. 33rd St., New York	1859
Marston, Alonzo W	1871
Marston, John J	
Martol Orido	1863
Martel, Ovide St. Paul, Minn	1883
Martin, M. Mc 214 Columbia Ave., Boston,	
Mass	1891
Martin, C. F., B.A Montreal, Q	1892
Martin, R. H	1896
Martin, S. H	1892
Martin, J. M	
Mass	1889
435	1363
	1896
Massiah, W. B. H Barbadoes, W. I	1892
	1893
Mattice, Rich. J	1875
Matheson, R	1893
	1834
† Mathieson, John H St. Mary's O	187Ī
Mathieson, C. S	1889
	1870
	1870
Mayrand, William St. Andrews, Q	1847
Mayrand, William St. Andrews, Q	1847 1895
Mayrand, WilliamSt. Andrews, Q	1847 1895 1892
Mayrand, WilliamSt. Andrews, Q	1847 1895 1892 1378
Mayrand, WilliamSt. Andrews, Q	1847 1895 1892 1878 1869
Mayrand, William	1847 1895 1892 1878 1869 1875
Mayrand, William. St. Andrews, Q. May, G. F. Montreal, Q. Montreal, Q. Meade, C. J. St. Farrington, St. Paul, Minn. Meahan, J. C. Bathurst, N.B. Meane, John. Staff Surgeon-Major Army Meek, Jas. A. 30 W. 35th St., New York.	1847 1895 1892 1878 1869
Mayrand, William. St. Andrews, Q.  May, G. F. Montreal, Q.  Meade, C. J. 281 Farrington, St. Paul, Minn.  Meahan, J. C. Bathurst, N.B.  Meane, John. Staff Surgeon-Major Army  Meek, Jas. A. 30 W. 35th St., New York.  *Meigs, Malcolm R.  Meikle, W. F. Lansdowne, O.	1847 1895 1892 1878 1869 1875
Mayrand, William. St. Andrews, Q.  May, G. F. Montreal, Q.  Meade, C. J. 281 Farrington, St. Paul, Minn.  Meahan, J. C. Bathurst, N.B.  Meane, John. Staff Surgeon-Major Army.  Meek, Jas. A. 30 W. 35th St., New York.  *Meigs, Malcolm R.  Meikle, W. F. Lansdowne, O.	1847 1895 1892 1878 1869 1875 1865
Mayrand, William. St. Andrews, Q.  May, G. F. Montreal, Q.  Meade, C. J. 281 Farrington, St. Paul, Minn.  Meahan, J. C. Bathurst, N.B.  Meane, John. Staff Surgeon-Major Army  Meek, Jas. A. 30 W. 35th St., New York.  *Meigs, Malcolm R.  Meikle, W. F. Lansdowne, O.  Menzies, John B. Lachute, Q.	1847 1895 1892 1378 1869 1875 1865
Mayrand, William. St. Andrews, Q. May, G. F. Montreal, Q. Montreal, Q. St. Farrington, St. Paul, Minn. Meahan, J. C. Bathurst, N.B. Meane, John. Staff Surgeon-Major Army Meek, Jas. A. 30 W. 35th St., New York. Meigs, Malcolm R. Meikle, W. F. Lansdowne, O. Menzies, John B. Lachute, Q. Merzeist, Thomas L. B.	1847 1895 1892 1378 1869 1875 1865 1879 1842
Mayrand, William. St. Andrews, Q.  May, G. F. Montreal, Q.  Meade, C. J. 281 Farrington, St. Paul, Minn.  Meahan, J. C. Bathurst, N.B.  Meane, John. Staff Surgeon-Major Army  Meek, Jas. A. 30 W. 35th St., New York.  *Meigs, Malcolm R.  Meikle, W. F. Lansdowne, O.  Menzies, John B. Lachute, Q.  *Meredith, Thomas L. B.  Merkley, E. A. Edwards, N.Y.	1847 1895 1892 1378 1869 1875 1865 1865 1879

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Merritt, D. P., B.A		A=0.
	N.Y	1884
Metcalfe, Henry J	Thurso, Q	1876
Metcalfe, F. T	329 Franklin St., Buffalo, N.Y.	1888
Mewburn, F. H	Lethbridge, N.W.T	1881
Midgley, R. J	Woodstock, Ont	1897
Mignault, Henri A	St. Hyacinthe, Q	1860
Milburn, J. A	Peterborough, Ont	1897
Mignault, L. D., B.A	Montreal	1880
*Miller R		1870
Mills, Thos. W., M.A	Montreal	1878
Mills, W. C	Chateauguay, N.Y	1893
Miner, Frank L	Honolulu, Hawaii	1877
*Mines, W	,	1874
Mitchell, Fred. H	Delaware, O	1871
Mitchell, R. W., B.A	Montreal, Que	1896
Mitchell, W	Lachute, Q	1894
Moffatt, John E	27 Highfield Road, Rathgar,	
	Dublin	1861
Moffatt, Walter	Pensacola, Fla	1852
Moffatt, W. A	Ulverton	1896
Moffatt, R. D	350 Parliament St., Toronto, O.	1888
Moles, E. B	Arnprior, Ont	1896
Molson, Wm. A	Montreal	1874
Mongenais, Napoleon	Rigaud, Q	1865
Monk, George H	Rockburn, Q	1875
Moore, Charles S		1874
Moore, Jehiel T	Minneapolis, Min	1874
Moore, Joseph		1852
Moore, Richard		1853
Moore, Robert C		1869
*Moore, William		1881
Moore, J. M	3977 Cottage Grove Ave., Chi-	1001
220010, 0. 221	cago, Ill	1893
Morehouse, O. E	Upper Keswick, N.B	1889
*Morrin, Joseph (Hon.)		
		1850
Morgan, V. H	River Beaudette, O	1887
Morphy, A. G	Lachine, Q	1890
Morris, C. H., B.A	Windsor, N.S	1897
Morris, O	Vernon, B.C	1890
*Morrison, David R		1869
Morrison, J., M.A	Carnduff, N.W.T	1872
Morrow, C	Metcalfe, O	1888
Morrow, W. S	Montreal	1891
Morse, L. H., B.A	Digby, N.S	1897
Morse, L. R., B.A	Lawrencetown, N.S	1896
Mount, John W		1851
Mowat, M. M	TTINI	1889
Mowatt, W., B.A	3511	
Muirhead, D. A	Compoten Place Ont	1896
		1889
Mulligan, E. A		1890
Munro, Alexander		1876
Munro, James T	Maxville, Ont	1872
Muckey, F. S	45 W. 39th St., New York	1883

*Murray, Charles H., B.A	1876
Murray, D	1886
Murray, D.A River John, N.S	1889
Murray, M.W	1890
Musgrove, W. J Drayton, Dak	1882
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Neill, J	1892
Neill, R. W	1895
Neilson, W. J	1878
Nelles, J. M	1875
Nelles, John A London, O	1850
*Nelson, Horace	1851
*Nelson, Wolfred (Hon.)	1848
Nelson, Wolfred D. E No. 1 Gramercy Park, N.Y.	1872
	1884
Nelson, W. M. F., Syracuse, N.Y	1994
Nesbitt, Jas. A 55 E. 3rd St., Salt Lake City,	ZONE
	1868
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Allowers, Carrier and the second seco	1862
Trichons, 21. Cr., Mariant	1894
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	1874
Norman, T. J King, O	1887
Oakley, Wm. D Streetsville, O	1877
Carley, Will. 2	1882
	1873
	1873
O Brief, David.	1882
O Brief, 1. 0. 1	1884
O Brien, Timothy	1854
Callagan, Collicius III.	
Canagnan, 1. 11., D.11.	1880
Call, I cicl	1851
	1867
O Connor, E. S	894
	1890
	1859
	849
	.882
Oguen, H. V., D.A	882
Ogden, C. L., B.A Warrensburg, N.Y	
O Leary, James	866
O'Leary, Patrick Mayo, P.Q I	859
Oliver James W Niagara Falls 18	857
Oliver A J	890
Oliver W Rockburn, Q 18	895
O'Reilly Charles	867
Orr A F	388
Orr I E954 Michigan ave, Detroit 18	888
Orton T. H Arthur, O	886
Osborno A B Hamilton, O	886
Osler, William, LL.D 1 W. Franklin St., Baltimore 18	72
	AT
Padfield, Charles W	
Painchaud, Edward S. L Varennes, Q 18	48

	866
Belmer A T Buckingham, Que Buckingham, Que	397
Palmer, G. F London, Eng	385
Pollen Montrose A 10	864
Pollister W T Guelph, Ont	597
Paquin, Jean M	843
Paradis, Henri	846
*Paradis, Pierre E	867
*Park, George A 1	877
Park, P. C	888
Parke, Charles S Quebec, Q 1	866
Parke, G. H	891
Parker, Rufus S	1866
Patrick, D	896
*Patterson, James M	855
Paterson, James	1864
Paterson, L	1892
*Pattee, George	1858
Pattee, Richard P	1874
*Patton, Edward K	1867
Patton, H. M	1890
Peake, J. P Oromocto, Sunbury Co., N.B.	1892
Pearman, H. V	1888
*Pegg, Austin J	1872
Pegg, Charles H	1867
Pennoyer, A. R	1897
Perks, W. C	1881
Perrault, Victor	1852
Perrier, John	1868
Perrigo, James, M.AMontreal	1870
*Perry, H. R	1873
Phelan, C. J. R	1865
*Phelan, James B	1874
Phelan, E. D	1892
*Phelan, Joseph P	1854
Philip, David L Brantford, O	1863
Phillimore, R. H	1893
Philip, W. S	1889
Phippen, S. S. C Owosso, Mich	1883
*Picault, Chas	1857
*Pickup, John W	1860
Pinsonneault, B	1880
*Pinet, Alexis	1848
Pinet, Alex. R St. Laurent, Q	1864
Pomeroy, L. E. Mc	1886
Poole, Alf Peken, Niagara Co., N.Y	1886
Poole, H. E Brier Hill, N.Y	1880
Porteous, Wm	1884
Porter, J. A., B.A Powassan, O	1887
Pothier J. C New Bedford, Mass	188
Potts J Mc	188
Poussette, A. Courthorpe Sarnia, O	186
Powell F. H Ottawa, O	188
Powell, Israel WoodVictoria, B.C	186

Powell, Newton W	1852
Powell, Robert H. W 199 Rideau St., Ottawa, O	1875
Powers, George W	1861
Powers, Lafontaine B Port Hope, O	1867
Prescott, A. H Queensbury, N.B	1896
Price, B. S	1895
Pringle, George	1855
Pringle, A. F Northfield, Minn	1880
Pringle, W. R	1886
Pritchard, J., B.A North Wakefield, Q	1894
Prosser, W. O Le Mars, Ply Co., Iowa	7
	1874
	1868
Proudfoot, Alex	1869
*Provost, E. Gilbert	1844
Pulford E W	1859
Pulford, F. W	1880
*Quarry, James J	1868
Quay, D. D	1895
*Quesnel, Jules M	1849
Quirk, E. L	1888
*Rae, J. Hamilton (Hon.), LL.D	1853
*Rainville, Pierre	1863
Rambaut, J Langsingburg, N.Y	1871
Rattray, Charles J	1871
Rattray, James C Cobden, O	1874
Richmond, Olivier	1850
Raymond, Alf	1886
	1886
Read, Herbert H	1861
Reavely, E	1887
Redner, Horace P Lonsdale, O	1864
	1874
Reddy, Herbert L., B.A Montreal,	1876
*Reddy. John (ad eun.)	1856
Reed, Thomas D	1871
	1894
Reid, John A Sault Ste. Marie, O	1871
Reid. Alex. Peter	
Reid, J. T Drayton, Dak	1858
Reid, J. 1 Drayton, Dak	1858 1890
*Reid Kenneth	
*Reid, Kenneth	1890
*Reid, Kenneth	1890 1864
*Reid, Kenneth	1890 1864 1895
*Reid, Kenneth	1890 1864 1895 1884
*Reid, Kenneth  Reilly, W. J  Renner, W. Scott  Reynolds, T. W  Reynolds, Robert T  *Revnolds, Thomas	1890 1864 1895 1884 1881 1836 1842
*Reid, Kenneth	1890 1864 1895 1884 1881 1836 1842
*Reid, Kenneth	1890 1864 1895 1884 1881 1836 1842
*Reid, Kenneth  Reilly, W. J  Renner, W. Scott  Reynolds, T. W  Reynolds, Robert T  *Reynolds, Thomas  Richard, Marcel  Richmond, P. E  Mount Pleasant, Minn	1890 1864 1895 1884 1881 1836 1842 1864
*Reid, Kenneth.  Reilly, W. J	1890 1864 1895 1884 1881 1836 1842 1864 1873
*Reid, Kenneth.  Reilly, W. J	1890 1864 1895 1884 1881 1836 1842 1864 1873 1852 1857
*Reid, Kenneth. Reilly, W. J	1890 1864 1895 1884 1881 1836 1842 1864 1873 1852 1857
*Reid, Kenneth.  Reilly, W. J	1890 1864 1895 1884 1881 1836 1842 1864 1873 1852 1857 1879 1894
*Reid, Kenneth. Reilly, W. J	1890 1864 1895 1884 1881 1836 1842 1864 1873 1852 1857 1879 1894

Picherdson I B 3015 Lake St., Chicago	1865
	1887
Itioniti doon, or or	1894
Richardson, A	1894
Richardson, H. J Lacombe, N.W.T	1880
Riordan, B. L	1897
Ritchie, A. A Dalhousie, N.B	1876
Ritchie, A. F., B.A Duluth, Minn.	1910
Ritchie John L Queenstown, Cape Colony,	1271
South Africa	1874
Robert, G. C	1897
*Poherts Edward T	1859
Poherts John E RA Montague, Jam., W.I	1867
Robertson, A. M	1885
†Robertson, A. A., B.A	1894
Robertson, James E Montague, P.E.I	1865
	1864
	1857
1000010011	1867
	1886
It Court court,	1888
Teologic and	1890
	1896
Robertson, W. A. T Junction City, Kan	1891
Robertson, E. A., B.A Lennoxville, Q	
Robertson, T. F Brockville, O	1891
Robertson, H. M Chatham, Ont	1897
Robertson, J. E	1895
Robillard, Adolphe Ottawa, O	1860
†Robins, G. D., B.A Montreal, Q	1896
Robinson, B. E Orillia, O	1892
Robinson, Stephen J Brantford, O	1867
Robinson, Wesley Markham, O	1877
Robitaille Louis New Carlisle, Q	1860
Robitaille, L. T., Hon Quebec	1858
†Roddick, Thomas GMontreal	1868
*Rodger, Thomas A	1869
Rogers, E. J. A Denver, Col	1881
Rogers, F. E	1897
Rogers, Amos Ottawa, O	1874
Rogers, W	1892
Rooney, R. F	1870
Rorke R. F	1893
	1866
*Ross, George, M.A Holler N.S.	1881
†Ross, James, B. A Halifax, N.S	
Ross, D. W	1894
Ross, H	1894
Ross, J. J., B.A Montreal, Q	1894
Ross, G. T Montreal, Q	1880
Ross, L. D Montreal, Q	1884
Ross. W. K	1883
Ross, R. O., B.A Rossville, N.S	1896
Ross, Thomas Sacramento, Cal	1863
*Ross. Henry	1872
Ross, William G Ashburton, N. Z	1871
*Ross, Wm. D	1875

Ross, J. W.,
Ross, J. W
Ross, L. F., B.A
1887
Ross, H. R Quebec, Q 1890
Athologon O
San Bernardino, Calif 1884
LOS, S New Classow No.
Rugg, Henry C Stanstead Out
1859, William 1859
Rochester MV
Rutherford, Clarendon, M.A., 102 Fullerton avo Chicago
Rulledge, And. J
Ruttan, Allen Nananee O
Ruttan, A. M Riverside Colif
Ruttan, R. F., B.A Montreal
Ryan, J. P Portage La Proirie Man
Ryan, E. J
*Sabourin, Moise
Sampson, James (Hon)
Sanderson, George W
Saunders, E. H
Savage, Thos. Y
*Savage, Alex. C
*Sawyer, James H
Scammell, J. H
Scane, J. W
*Schmidt, Samuel B
Sehmidt, A. F
Schmidt, A. J Faribault, Minn 1886
*Schofield, David T 1854
Scott, John G
Scott, Stephen A
*Scott, William E
Scott, Wm. F
Scott, W. T Montreal, Que 1897
Scott, W. McE
Scott, J. M
Scott, W. H Owen Sound, Ont 1894
*Scriven, George Augustus
*Seully, D. J
Seager, Francis R
Secord. Levi Bradford, O
Secord, J. H
Seery, F. J Fredericton, N.B 1886
*Setree, Edward W
*Seguin, Andr
Seguin, J. W. A Montreal, Que 1893
Senkler, A. E
Semple, E. J., B.A Montreal 1893
Serviss, T. W Oroville, Cal 1881
Seymour, M. M Fort Qu'Appelle, N.W.T 1879
*Sewell, Stephen C. (ad eun.) 1843

1000
Sewell, Colin (ad eun.) Quebec
Morden Man 1005
Howick, Q
Marysville, N.R.
South Toledo, Onto
Chama E W Wetaskiwin, N.W.1
*Chaw Alexander
Charry W. E Orillia. Ont
St. Andrews. P.Q
Cove Head, P.E.I
Montreal
Montreal
Show U M Berwick, N.S
*Charron Dater Bolnh
Chaver W H
*Charron P N
Chibley T T BA Yuma, Ariz
Chimiff G B
Chenhard Francis I Montreal
Cheapside. O
Chillington A T305 Bank St., Ottawa 1854
Shochottom Henry Port Huron, Mich
Charfolt W A38 W. 19th St., New 10th 1001
Sibler G A Litchfield, Illinois
*Cimard Amable
Simpson Thomas
Singlair Coll
Sinclair O. W Eureka, Cal 1891
Sinclair D R Pembina, Dak 1884
Skeels A. A. B.A
Slack T I
Small. H. B
*Smallwood John R
Smellie T S I M A Port Arthur, O 1811
Smellie W
Smiley J. S
*Smith Daniel D
Smith Daniel F Walkerton, O 1878
Smith, E. H
Smith, E. E Fullarton, Neb
*Smith Edward W
Smith, H
*Smith, John
Smith, Norman A Frelighburg, Q 1870
*Smith, William
Smith, Edward W., A.B West Merriden, Conn 1882
Smith, W. D
Smith, W. A de W New Westminster, B.C 1884
Smith, C. F St. Mary's, Ont
Smith, R. E. G., B.A
Smith, R. A
Smith, T. H Bonavista, Newfoundland 1891
Smith, S. R. B Brighton, O 1596

Smythe, T. W	1848
Smyth, H. E Marlboro', Mass	1885
Smyth, W. H., B.A Montreal, Q	1896
Snider, Frederick S Teeterville, O	1876
Sparham, Terence Brockville, O	1841
Sparham, E. B	1852
Sparling, O. W	1891
Spearman, F. S	1896
Speer, Andrew M Danville, Q	1874
Spier, J. R	1891
Spencer, Richmond Brandon, Man	1879
Springle, J. A Montreal, Q	1888
Stackhouse, O. C. S Buckingham, Q	3896
*Squire, William Wood, M.A	1864
Stafford, Fred. J	1878
Stanfield, H. M., B.A Truro, N.S	1897
Stanton, George Simcoe, O	1868
Staples, C. A., B.A Vancouver, B.C	1896
Stark, George A Glen Allen, Wis	1872
*Staunton, Andrew	1846
Steeves, C. P., B.A., Lower Coverdale, N.B.,	1896
Stenning, W. A	1894
*Stephen, William	1881
Stephen, G. C 88 Sutherland av., London,	
W.C	1887
Sterling, A Fredericton, N.B	1897
Stevens, Alex. D Dunham, Q	1857
Stevenson Charles N	1876
Stevenson, Hans Wakefield	1880
Stevenson, J. M	1856
*Stevenson, John L	1855
*Stevenson, John A	1873
Stevenson, Robert A Toronto, O	1871
Stewart. Alexander Palmerston, O	1872
Stewart Andrew	1884
*Stewart. John Alexander	1862
Stewart James	1869
Stewart J O	1880
Stewart, A. D	1888
Stewart W. G. B.A Montreal, Q	
Stephenson, James	
Thompson, Pa	1868
539 W. Monroe St., Chicago, in	1872
Mexborough, fork, Eng.	10.0
and 1 days Tamon Condon	1002
Redford, W	TOOL
a Montreal	
~ 11 1 - 1 Walter Valleylield, &	
*Coathaniand TTilliam	
*Cuthowland William	
Sutherland, William RMontreal	. 1019

Sutherland, J. A	1896
Switzer, Egerton R Salina, Ks	
Mohl on -	
*Table, Silas E., M.A	1868
Taplin, M. M	1860
	1892
Taylor, Sullivan A	1858
Taylor, T. T.	1870
	1892
Teller, W. J Montreel O	1896
	1896 1864
	1865 1859
	1863
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Montrool One	1897
	1886
and pool, James.	1842
	1852
	1882
Vermont	1897
Thomas Elgin, Neb	1888
	1890
	1896
Thornton, Hastwell W., B.A New Richmond, Q	1892
Tierney, J. A	1882
	1897
	1893
Tracey, A. W Wort World - 2	1897
Trapnell, H. E.	1873
	1887
Travers, J. B	1897
	1892 1862
	1891
	1844
	1881
	1891
	1896
*Turnbull, R	1860
	1886
	1853
vancouver, B. C	1875
Usher, Henry Walkerton	
Vannorman T M	1861
Vannorman, J. M Detroit, Mich	1850
	1865
	1867
	1878

Vipond, A. E	Mentreel O	1889
Vipond, C. W	Montreal	1895
Vipond, C. W	Gt Tombort O	1892
Wade, A. S	St. Lambert, Q	1872
Wagner, A. Dixon	Cornwall, O	
Wagner, G. C	Tacoma, Wash. Terr	1881
*Wagner, William H		1844
Wainwright, F. R	Montreal, Que	1897
Wainwright, S. F. A	St. Andrews, Que	1897
Wakeman, William	Gaspe Basin, Que	1865
Wales, Benjamin N		1874
*Walker, Robert		1851
Walker, J. L		1893
Walker, W. G		1892
Walker, D. F		1895
*Walker, Felix D		1884
		1874
Wallace, Isaac U	Milton, Q	
Walsh, Edmund C	Madrid, N.Y	1866
Walsh, W. E		1892
Walsh, L. N	Ormstown, Q	1892
Walton, George O		1873
*Wanless, John R		1867
Ward, William T		1873
Ward, Michael O'B	Montreal	1875
Warneford, P. H	Hampton, N. B	1887
Warren, Frank	Brooklin O	1872
*Warren, Henry		1860
Warren, Henry	Tramon O	1896
Warren, J. F	Harper, O	1892
Wasson, J. H	Nanaimo, B.C	
Watson, N. M		1891
Watson, J. H., B.A		1895
Waugh, William		1872
Weagant, C. A	Calton, Cal	1879
Weagant, A. A	Dickinson's Landing, Ont	1888
*Webb, James T. S		1871
Webster, Arthur D		1878
Webster, R. E		1891
Weilbrenner, Remi		1851
*Weir, Richard		1852
		1888
Westley, R. A		1888
Wetmore, F. H	ord W. Ford Ct. Now Vork	1889
Wheeler, C. L., B. A	251 W. 52nd St., New 101k	1896
Wheeler, F. H	Florenceville, N.B	1862
*Wherry, John		
White, F. J	Moncton, N. B	1886
White, W. W., M.A	St. John, N.B	1886
White D De J	Alnurich North, Eng	1890
White R		1896
Whitecomb. Josiah G	Pembroke, O	
*Whiteford James W.	Omaha, Neb	1848
	Omaha, Neb	
Whiteford Richard.	Omaha, Neb	1848
Whiteford, Richard	Omaha, Neb	1848 1873
*Whitwell, W. P. O	Toledo, Ohio	1848 1873 1857 1860
*Whitwell, W. P. O	Toledo, Ohio	1848 1873 1857 1860 1870
*Whitwell, W. P. O	Toledo, Ohio	1848 1873 1857 1860

Wickham, W. W Summerside, P.E.I	1895
Wigle, Hiram	1875
*Widmer, Christopher (Hon.)	1847
*Wilcox, Marshall B	1868
Wilkins, George (ad eun.)Montreal	1886
Wilkins, H. P	1887
Williams, J	1881
Williams, J. F	1886
Williams, E. P	1887
Williams, E. J., B.A Sherbrooke, Que	1897
Williams, J. A	1895
Williamson, H. M Detroit, Mich	1890
Williamson, W. P	1891
Williston, H. V., M.A Newcastle, N.B	1879
Willson, J. A. K	1885
Wilson, Benjamin S Montreal	1866
Wilson, F. W. E Montreal, Que	1897
Wilson, W. A Derby, N.B	1890
*Wilson, Robert M	1850
*Wilson, William	1857
Wilson, Samuel F., M.AMontreal	1884
Wilson, C. W	1886
Wilson, R	
Wilson, R. D	1893
Wilscam, John Wilbrod.	1894
Wishart D T C	1846
Wolf C. C. I. P.A.	1885
Wolf, C. G. L., B.A Montreal, Q	1894
Wooder Dorid	1868
Woods, David Staff Surgeon Army	1860
tWood, Edwin Geo Mitchell, O	1885
Wood, George C	1849
*Wood, George	1863
Wood, Ed. S	1886
Wood, Hannibal W St. Johns, Que	1865
Wood, D. M	1895
Wood, W. S Fairbault, Minn	1896
Woodful, Sam PrattSurgeon Major	1864
Woodruff, T. A 100 State St., Chicago,	1888
Woodruff, F. H	
Washington Terr	1890
Woods, Jno. J. E Aylmer, Q	1875
Woolway, C. J St. Paul. Minn.	1875
*Workman, Benjamin	1853
*Workman, Joseph	1835
*Worthington, Edward (ad eun.)	1868
Worthington, A. N Sherbrooke, Q	1886
Wright, John W., B.A., Saginaw, Mich.	1878
Wright, Henry P Ottawa, O	1872
Wright, Stephen	1012
Texas, U.S.A	1889
Wright, William, Rev	
Wright, H. K Montreal	1848
Wye, John H	1895
	1868
wylde, C	1889

Yearwood, C. A., B.A	Brantford, O
Young Philip R	Metcalfe, O
Young, A. A	Ridgetown, O
Youker, William	Dayton, Ohio
	+ Medalist.

# EXAMINATION PAPERS, SESSION 1897-98.

## MATRICULATION EXAMINATION.

#### ENGLISH GRAMMAR.

MONDAY, MAY 30TH :- MORNING, 9 TO 10.30.

(N.B.-Answer two questions only from each group).

- 1. Distinguish between a sentence and a clause. How many kinds are there (a) of sentences, (b) of clauses?
  - 2. Parse the words in italics:

"As his eye falls on the comfortable home in which he dwells, or wanders from the well trimmed orchard, already glorious with the promise of autumn to the distant hills, where the fragrant hay imparts its sweetness to the air and the flocks roam in well fed content, it is difficult for him to realize that a few short years ago these hills on which he gazes with proprietary complacency reechoed the shouts of fierce men engaged in sanguinary conflict."

TIT

3. Analyze:

"It lies among a thousand hills
Where no man ever trod,
And only nature's stillness fills
The silences of God."

- 4. Mention four classes of pronouns, giving examples of each class. Give the inflection of one class.
  - 5. Give the second person singular of
    - (1) the Present Perfect Indicative of be,
    - (2) the Present Perfect Subjunctive of be,
    - (3) the Present Perfect Subjunctive Passive of strike.

III.

- 6. Correct the following where necessary:
  - (1) Refuse to obey tyrants and reverence them.
  - (2) The ebb and flow of the tide have been explained.
- (3) He asked to be made captain or mate or purser, for either of which places he considered himself adapted.
  - (4) Nothing could exceed the enormity of his pretences.
  - (5) He confessed the mistake they accused him of.

- 7. Classify and give the inflections of the following words: each, nigh, far, rapid, tenth, forth, several, much, who.
- 8. Construct a complex sentence of not less than twenty-five words. This sentence must not be compound.

#### DICTATION.

MONDAY, 30TH MAY :- MORNING, 10.30 TO 11.15.

As to the comforts and luxuries which were to be found in the interior of the houses by the fashionable visitors who resorted thither in search of health or amusement, we possess information more complete and minute than can generally be obtained on such subjects. A writer who published an account of the city about sixty years after the Revolution has accurately described the changes which had taken place within his own recollection. He assures us that, in his younger days, the gentlemen who visited the springs slept in rooms hardly as good as the garrets which he lived to see occupied by footmen. The floors of the dining-room were uncarpeted, and were coloured brown with a wash made of soot and small beer in order to hide the dirt. Not a wainscot was painted. Not a hearth or a chimney-piece was of marble. A slab of common freestone and fire irons which had cost from three to four shillings were thought sufficient for any fireplace. The best apartments were hung with coarse woollen stuff. and were furnished with rush-bottomed chairs. Readers who take an interest in the progress of civilization and of the useful arts will be grateful to the humble topographer who has recorded these facts, and will perhaps wish that historians of far higher pretensions had sometimes spared a few pages from military evolutions and political intrigues for the purpose of letting us know how the parlours and bedchambers of our ancestors looked.

Macaulay.

- N. B.-Instructions for the local examiner.
- I. The extract shall be read three times :-
- (a) Fluently, in order to convey to the candidates the general sense of the passage. During this reading, pens must be laid on the desks.
  - (b) Slowly, for dictation.
  - (c) For punctuation and candidates' private correction.
- II. Any word may be repeated by the examiner at the request of any candidate.
  - III. No re-writing of the extract is permitted.

#### ESSAY.

MONDAY, MAY 30TH: - MORNING, 11.15 TO 12.

Write an essay of not less than one page on any one of the following subjects:—

- (a) The Spirit of Adventure.
- (b) The New Gold Fields of Canada.
- (c) A Modern Invention.

#### ALGEBRA.

Monday, May 30th, 1898: - Afternoon, 2 to 3.30.

1. Resolve into elementary factors the following expressions:

(a) 
$$x^2 - 3x - 28$$
.

(b) 
$$x^6 - y^6$$
.

(c) 
$$ab - bc + 2 ad - 2 cd$$
.

and find the Highest Common Factor of

$$6 x^3 - 22 x^2 - x + 35$$
 and  $3 x^3 + 10 x^2 - 25x$ .

2. Find the value of

$$\frac{a-b+\frac{(a+b)^2}{a-b}}{a+b-\frac{(a-b)^2}{a+b}} \ \times \ \frac{2\ ab}{a^4-b^4}.$$

3. Extract the square root of

$$x^{6} - 6 \ ax^{5} + 15 \ a^{2} \ x^{4} - 20 \ a^{3} \ x^{3} + 15 \ a^{4} \ x^{2} - 6 \ a^{5} \ x + a^{6}$$

4. (a) Reduce  $\frac{3\sqrt{2} \div 2\sqrt{3}}{3\sqrt{2} - 2\sqrt{3}}$  to a whole number and a surd.

(b) Divide 
$$x^{-3} - 4x^{-\frac{3}{4}} y^{-\frac{3}{2}} + 3y^2$$
  
by  $x^{-\frac{3}{2}} - 2x^{-\frac{3}{4}} y^{\frac{1}{2}} + y$ .

5. A person lent a sum of money at  $5\frac{1}{2}$  per cent., simple interest; in twelve years the interest amounted to \$51 less than the sum lent; what was the sum lent?

6. Solve the equations:

(a) 
$$\frac{4x+5}{6} + \frac{x+7}{2x+4} = \frac{2x+5}{3}$$

- (b)  $\sqrt{x} + \sqrt{x-16} = 8$ .
- (c)  $2x^2 + 3x 35 = 0$ .

(d) 
$$\begin{cases} 5z - 4y = 7, \\ \frac{y}{2} + \frac{z}{3} - x = 1, \\ 2x + 3y - z = 5, \end{cases}$$

7. Divide n into two such parts that their product may be equal to twice their difference.

#### FRENCH.

LUNDI, 21 MAI 1898:-DE 3.30 À 5.30.

A.

- 1. Indiquer (a) la différence entre chaque et chacun, (b) quelles peuvent être les fonctions des mots qui et que. Exemples.
- 2. Comment se forme le pluriel des substantifs composés? Exemples.
  - 3. Quel est l'emploi de y pronom? Exemples.
- 4. Donner les temps primitifs des verbes suivants: avoir, battre, courir, dire, falloir, hair, joindre, mettre, naître, prendre, suivre, savoir.
  - 5. Faire l'analyse grammaticale de la phrase suivante : On ne se sent à son aise que là où l'on se sait à sa place (Daudet)

B.

Traduire les deux passages suivants:

#### LE SOLDAT DE MARATHON.

Ce n'était qu'un soldat obscur entre dix mille,
Quand on eut la victoire, il voulut, le premier
En porter la nouvelle à sa lointaine ville,
Et partit, fier coureur agitant un laurier.
Épuisé par sa course effrayante et sans trêve
Il mourut dès qu'il fut au terme du chemin.
Heureux qui peut de même, ayant atteint son rêve
Mourir la flamme au cœur et la palme à la main.
A. RENAUD.

#### SOLITUDE.

Do you seek solitude? Go not to fields
Or pathless woods, or to the lonely shore,
Nor court the privacy seclusion yields
In some old house whose very ancient door
Proclaims the absence of intrusive guests.,
Think not of desert waste, nor mountain height,
Nor tropic isle, nor where the eider nests
In arctic silence, nor the sea-gull's flight
In voiceless azure. But for solitude
Perfect, unparalleled, abiding, deep,
When next you feel the solitary mood
Insistent, trust not even dreamless sleep—
When for true loneliness your soul entreats,
Come to New York, and walk these crowded streets.

John H. Boner.

C.

Rédiger une lettre d'environ 100 mots sur le canevas suivant:— René a terminé ses études primaires et va entrer au collège. Il remercie son instituteur des bonnes leçons et des excellents préceptes que celui-ci lui a donnés; il ne les oubliera pas, etc.

D.

Remplacer les tirets par des mots qui conviennent au sens.
 Soyons justes — tout le monde.

La terre est fécondée —— le soleil. Il n'est jamais —— tard pour bien faire.

L'agriculture et le commerce — un peuple.

Les rivières sont — qui marchent.

L'ivrognerie est un abîme si profond qu'on ne peut — sortir — on — est tombé.

Esaü — droit d'aînesse — —.

2. Mettre les Infinitifs à un temps de l'Indicatif.

On déclarer la guerre. Aussistôt un souffle embrasé parcourir le pays. Tous se croire en état de combattre, tous vouloir s'engager; on les recevoir, on les enrôler, ils partir pour la frontière. Les vieillards se souvenir de leurs exploits passés et les redire volontiers.

Les jeunes gens s'en aller et les mères faire des vœux pour eux. Elles mêmes s'employer et se rendre utiles de leur mieux. E.

1. Reproduire en français ce qui suit :

(L'examinateur délégué voudra bien lire ou dire en anglais une anecdocte quelconque pouvant se reproduire dans une centaine de mots).

#### OU

2. Ecrire sous forme de résumé ou de critique environ 250 mots sur un des ouvrages suivants: Le Chien du Capitaine (Enault). La Fée (Feuillet).

Dater en toutes lettres.

#### ARITHMETIC.

Tuesday, May 31st, 1898:—Morning, 9 to 10.30.

Answer two questions from each division. All work must be shown; results alone will not be considered.

#### SECTION I.

- 1. How much will it cost to dig a canal 1 mi. 3 fur. 10 per. long; 18 ft. wide; and 6 ft. deep, at 48 cents per cub. yard?
  - 2. Simplify

(a) 
$$\frac{\frac{5}{14} - \frac{3}{7} \text{ of } \frac{1}{2}}{\frac{19}{24} - (\frac{7}{8} \text{ of } 2 \frac{2}{2^21} - 1 \frac{7}{1^22})} \quad \div \quad \frac{\frac{1}{3} \text{ of } \frac{1}{2} + \frac{3}{2} \text{ of } 5}{9 \frac{1}{3} - 1 \frac{2}{3}}.$$

(b) 
$$\frac{2.8 \text{ of } 2.\dot{27}}{1.1\ddot{36}} - \frac{2.49 - 1.\dot{199}}{4.8 + .\ddot{39}}$$
.

3. A vessel leaves port with provisions sufficient for her crew of 18 men for 10 weeks. Twenty-two days after leaving port she picks up 14 ship-wrecked sailors. How long will the provisions then last?

#### SECTION II.

- 4. A merchant sends 4,000 bushels of barley to an agent with instructions to sell at 5.1 cents per bush, and to invest the proceeds in tea. The agent charges 1½ per cent, commission for selling and 2 per cent, for buying; what was the total amount of his commission, and what the value of tea bought?
- 5. A house is rented for \$60 a month. The owner sells the house for \$12,000 which he invests in 6 per cent. stock at 124\frac{a}{8}. Find the alteration in his income. Brokerage \frac{a}{8} per cent.

6. Two persons start from the same place and go, one due north at the rate of 8 miles an hour, and the other due west at 6 miles an hour. How far apart will they be at the end of 4 hours?

Find the square root of .00056169.

#### SECTION III.

7. A labourer agreed to work for a farmer on condition that he was to receive \$1.25 and his board every day he worked, while he must pay 50 cents for his board every day he was idle. At the end of 64 days he received \$52. How many days did he work?

8. Find the value of a nugget of gold 6.4 cm. long, 2.5 cm. wide, and 1.75 cm. thick at 60 cents a gram, gold being 19.3 times as heavy as water.

Name the principal units of the metric system and give the table of measures of capacity.

9. A gentleman wishes to make a gravel walk 2 metres wide around the outside of his lawn which is 250 m. long by 120 m. wide. A offers to make the walk for 21 cents per sq. m., and B offers to do the work for 18 cents per sq. yd. Which is the better offer and by how much?

#### ENGLISH HISTORY.

TUESDAY, MAY 31st :- MORNING, 10.30 to 12.

#### A.

Answer any three parts of question 1; question 2 or 3; and question 4.

- 1. (a) Give an account of Christianity in Britain prior to the reign of Alfred the Great.
  - (b) Describe William the Conqueror's rule of England.
  - (c) Sketch the reign of Henry VI.
- (d) Follow out the relations of England and Spain during the sixteenth century.
  - (e) Explain the nature of Charles I's rule from 1625-41.
  - 2. Write a careful synopsis of the events of the Seven Years' War.
  - 3. Describe England's opposition to Napoleon Bonaparte from 1803-12.
- 4. Make brief but precise notes on:—the Treaty of Chippenham (or Wedmore); Dunstan; England under interdict; the Black Death; John Wyclif; the Pilgrimage of Grace; the Fight of the Revenge; Walpole's Excise Bill; the Clare Election; the Chartists in 1848.

1. Write as long a list as you can of the settlements or forts which were founded by the French in Canada prior to 1700, and make a brief historical note about each. 2. Explain how Canada was affected by the war of the English colonies with the mother country. Pay regard to the whole period 1774-84; and bear in mind new laws, invasion and immigration. 3. Sketch the history of Upper Canada to 1837, 4. Write a fact and a date about each of the following subjects: John Cabot, Brébeuf, Lachine Massacre, Braddock's expedition, Ticonderoga, Conspiracy of Pontiac, Constitutional Act, Berlin Decree, Lundy's Lane Charlottetown Conference. GEOMETRY. TCESDAY, MAY 31st :- AFTERNOON, 2 TO 4. A. [Answer No. (3) and any other three from this group] 1. The greater side of every triangle has the greater angle opposite to it. 2. If the square on one side of a triangle is equal to the sum of the squares on the other two sides, the angle opposite the first side is a right angle. 3. (a) If AB be divided at C, the sum of the squares on AB, BC, equal twice the rectangle AB, BC together with the square on AC. (b) Prove this, and express it algebraically. (c) Express this proposition as the square of the difference of two straight lines. 4. From an external point it is required to draw a straight line to touch a circle. 5. On a straight line construct a segment of a circle containing a given angle. 6. Prove that the opposite angles of a quadrilateral with its angles on a circle are togethor equal to two right angles.

B.

CANADIAN HISTORY.

Answer any two of the first three questions and question 4.

GROUP.

B.

Define plane rect ilineal angle, circle, rhombus.

(b) What are the two requisites of parallel straight lines?

(c) If two straight lines are parallel, and a third straight line crosses, then it shall make the alternate angles equal.

(d) Define "angle in a segment," "angle of a segment," "similar segments."

8. (a) If the three sides of a triangle be bisected by perpendiculars, these three perpendiculars shall meet in one and the same point, which point shall be equidistant from the angular points.

(b) The three bisectors of the angles of a triangle meet in one point, which shall be perpendicularly equidistant from each of the sides.

(c) Bisect a quadritateral area by a straight line drawn from an angular point.

#### ENGLISH LITERATURE.

WEDNESDAY, 1ST JUNE: -MORNING, 9 TO 10.30.

- 1. Make short notes on:—The Anglo-Saxon Chronicle, The Canterbury Tales, The Faerie Queen, Hudibras, Decline and Fall of the Roman Empire, In Memoriam. Give the name of the author and the date (or dates) of each work.
- 2. Give, with dates, some account of the literary life and labours of any one of the following: Francis Bacon, John Milton, Samuel Johnson, William Wordsworth,
- 3. Name (a) one great dramatist prior to Shakspere; (b) one great dramatist contemporary with Shakspere; (c) two famous novelists of the eighteenth century; (d) two leading historians of the nineteenth century Give in each case the principal work of the writer selected.
- 4. Give, in outline, the events contained in any one act of King Richard II.
- 5. Explain the meaning of the italicised words in the following quotations:

(a) Away, fond woman!

- (b) And thy abundant goodness shall excuse This deadly blot in thy digressing son.
- (c) The chopping French we do not understand.
- (d It is so hard to come as for a camel

  To thread the postern of a needle's eye.
- (e) Spur.gall'd and tired by jauncing Bolingbroke.

- 6. Write a short account (from the Lady of the Lake) of the preparing and despatching of the Fiery Cross, or of the Scottish sports described in the poem. Of the narratives chosen quote from five to ten lines deserving of notice on account of their poetical vigour, and give grounds for your selection.
- 7. Illustrate from The Lady of the Lake:—(a) Scottish superstitions, (b) Scottish national feeling, (c) Scott's power in describing persons or scenes.

#### BOTANY .- OPTIONAL.

WEDNESDAY, JUNE 1ST :- MORNING, 10.30 TO 12.

- 1. Describe pollination and fertilization in a typical angiosperm.
- 2. Describe the chief modifications of stamens and pistils due to cohesion and adhesion.
- 3. Give a full account of the structure and development of an exogenous stem, and compare it with an endogenous stem.
- 4. Give a description of the structure and mode of reproduction of an Equisetum.
- 5. What are the chief plant foods? Whence are they obtained? What products are derived from them?
  - 6. Classify and describe the accompanying specimen.

Examiners will please supply each candidate with a common wild-flower, taking pains that all parts of the plant are present.

## WEDNESDAY, JUNE 1ST :- AFTERNOON, 3.30 TO 5.

#### I. LATIN GRAMMAR.

- 1. Write out the declension of hostis noster, omnis fructus, acies triplex nnum iter, hoc ipsum tempus.
- 2. Divide into syllables the following words: deles, inutilis, dixit iniquus, magnus, marking the quantity of each vowel.

Distinguish veni, veni; refert, refert; voces, voces.

- 3. Compare facilis, multus, celer, prudens, felix. Form adverbs from the preceding adjectives, and compare them.
- 4. Form and translate the present and future participles of cogo, do, habeo. Parse fully, adding principal parts: norint, sinas, edat, nolito, eamus, iussus, franget, ibimus, recti erunt.
- 5. State and illustrate the construction used with obliviscor, interest, potior, libet, coram, tenus, oportet, iubeo, cum (temporal), quamvis.

 Give three ways of expressing negative commands or prohibitions, and illustrate. Frame a rule for imperative expressions in indirect discourse.

#### II. LATIN PROSE COMPOSITION.

- 1. He strengthens the place with walls and trenches.
- 2. He will winter in Gaul with the rest of the legion and the cavalry.
- 3 There is no doubt they were influenced by this speech.
- 4. They did this to take away the hope of returning home.
- 5. On that day they all assembled on the bank of the Rhine.
- 6. If you wish anything, return on the Ides of April.
- 7. Was not Dumnorix friendly to the Helvetians?
- 8. When he had made a trial to see what his men could do in a cavalry skirmish, he found that they were not inferior to the enemy.

#### LATIN.

I. CAESAR, Bks. I. and II. VIRGIL, Bk. I.

WEDNESDAY, JUNE 1ST:-AFTERNOON, 2 TO 3.30.

#### 1. Translate:

- (a) Bello Helvetiorum confecto totius fere Galliae legati, principes civitatum, ad Caesarem gratulatum convenerunt; Intelligere sese, tametsi pro veteribus Helvetiorum iniuriis populi Romani ab his poenas bello repetisset, tamen eam rem non minus ex usu terrae Galliae quam populi Romani accidisse, propterea quod eo consilio florentissimis rebus domos suas Helvetii reliquissent, uti toti Galliae bellum inferrent imperioque potirentur locumque domicilio ex magna copia deligerent, quem ex omni Gal lia opportunissimum ac fructuosissimum iudicassent, reliquasque civitates stipendiarias haberent.

  Caesar, Br. I.
- (b) Ac primo adventu exercitus nostri crebras ex oppido excursiones faciebant parvulisque proeliis cum nostris contendebant: postea vallo pedum duodecim, in circuitu quindecim millium, crebrisque castellis circummuniti oppido sese continebant. Ubi vineis actis, aggere exstructo, turrim procul constitui viderunt, primum irridere ex muro atque increpitare vocibus, quod tanta machinatio ab tanto spatio instrueretur: Quibusnam manibus aut quibus viribus, praesertim homines tantulae staturae (nam plerumque omnibus Gallis prae magnitudine corporum suorum, brevitas nostra contemptui est), tanti oneris turrim in muros sese collocare confiderent?

CAESAR, BK. II.

arce: (b) the mood and tense of repetisset, iudicassent, haberent, irridere, faciat, adsit; (c) the construction of gratulatum.

3. Write a brief note on the meaning or construction of the following words and phrases: vinea; a. d. V. Kal. Apr.; equo admisso; pro Helvetiorum iniuriis populi Romani; civitate donatus erat; hominum milia expedita; adverso colle; urbem Patavi; Mavortia moenia; belli portae; nimbosus Orion.

#### II. TRANSLATION AT SIGHT.

(a) Capella (she-goat), stans in tecto domus, lupum vidit praetereuntem et ludificavit. Sed lupus, "Non tu," inquit, "sed locus tuus, me lu-

Saepe locus et tempus homines timidos audaces reddit.

(b) Apud Xenophontem moriens Cyrus maior haec dicit: "Nolite arbitrari, o mei carissimi filii, me cum a vobis discessero, nusquam aut nullum fore. Nec enim, dum eram vobiscum, animum meum videbatis, sed eum esse in hoc corpore ex iis rebus quas gerebam intellegebatis. Eundem igitur esse creditote, etiam si nullum videbitis ·

#### CHEMISTRY .- OPTIONAL.

THURSDAY, JUNE 2ND :- MORNING, 9 TO 10.30.

Answer two questions from each group.

I.

- 1. Explain the distinction between elements and compounds. What is meant by the statement that the elements combine in definite weights?
- 2. How may Nitrogen be obtained from the air? What are its properties?
- 3. What takes place (a) when a piece of Sodium is thrown upon water, and (b) when steam is passed over heated iron?

II.

- 1. What gas is evolved when Sal Ammoniac and Quicklime are mixed together? Describe its properties.
- 2. How would you determine the proportions by weight of Oxygen and Hydrogen in Water? Give a sketch of the apparatus that you would employ.
- 3. What takes place when an acid and a base are brought together? Illustrate by means of two equations.

III.

- 1. What solvents would you employ if you wished to dissolve (1) Silver, (2) Gold, (3) Iodine, (4) Sulphur?
- 2. How is Crude Petroleum treated in order to obtain from it an oil fit for household use?
- 3. Express by means of equations the chemical changes that take place (a) when Copper and Sulphuric Acid are heated together, (b) when Iron Sulphide is treated with dilute Sulphuric Acid.

### PHYSICS .- OPTIONAL.

THURSDAY, JUNE 2ND:-Morning, 10.30 to 12.

1. Explain carefully how a mercury barometer is made, and how it measures the atmospheric pressure.

If mercury and sulphuric acid are 13.6 and 1.84 times as heavy as water respectively, what height would a sulphuric acid barometer stand at, when the mercury barometer indicated 30 inches?

#### GERMAN.-OPTIONAL.

THURSDAY, JUNE 2ND: - AFTERNOON, 2 TO 3.30.

N.B.—Candidates from Ontario Schools may substitute No. 9, for No. 1 (a) and (b). Other candidates will omit No. 9.

- 1. Tanslate into English :-
- (a) Das waren die Söhne zufrieden; der älteste wollte ein Jufschmied, der zweite ein Barbier, der dritte aber ein Fechtmeister werden. Darauf bestimmten sie eine Zeit, wann sie wieder nach Sause fommen wollten, und zogen fort. Es traf sich auch, daß jeder einen süchtigen Meister fand. Der Schmied mußte des Königs Pferde beschlagen. Der Barbier rasierte lauter vornehme Ferren und meinte auch, das Haus wäre schon sein. Der Fechtmeister besam manchen Dieb, bis aber die Zähne zusammen und ließ sich's nicht verdrießen, denn er dachte bei sich: "Fürchtest du dich vor einem Siebe, so bekommst du das Haus nimmermehr."
- (b) Auf dem seltjamsten Umweg fam ein deutscher Handwerfsbursche in Amsterdam durch den Errtum zur Wahrheit, und zu ihrer Erfenntuis. Denn als er in diese große und reiche Handelsstadt, voll prächtiger Häuser, und geschäftiger Menschen, gekommen war, siel ihm sogleich ein großes und schönes Hand in die Augen, wie er auf seiner ganzen Banderschaft von Düttlingen bis nach Amsterdam noch keines gesehen hatte. Lange betrachtete er mit Berwunderung dies kostbare Gebände, und die sechs Kamine auf dem Dach.

#### TRANSLATION AT SIGHT.

#### 2. Translate into English:-

Ein Mann im Reiseanzug stand an der Schwelle und fragte, ob es hier das Wirtshaus zum Goldenen Adler sei. Auf das furze Ja des Mädchens trat er ein, warf sein Plaid auf den Tisch, die Reisetasche daneben und ließ sich auf der Bank nieder, ohne den regenschweren hut abzunehmen oder den Stock aus den Händen zu lassen, als wolle er nach kurzer Rask wieder weggehen. Die Magd war vor ihm stehen geblieben und wartete, was er zu befehlen hätte. Er schien es aber ganz zu vergessen, daß noch jemand außer ihm im Bimmer war, lehnte den Kopf zurück gegen die Mauer und schloß die Augen. So schwieg wieder alles in der Stube, und nur das Summen der Fliegen unterbrach dannund wann die Stille.

Endlich fam die Wirtin mit dem' Effen herein; ein kleiner Bube trug ihr ein Licht nach, der Wirt erhob fich bon der Ofenbank, gahnte und trat an den Tifch heran.

## 3. Translate into German :-

- (a) Shall we be allowed to burn our exercises when we have done with them. (b) What would you do with your money if you were rich? (c) I like to hear the singer who sang in the concert yesterday. (d) The ship has sunk and the people who were on board have been drowned. (e) When our neighbours were at church, a thief entered the house and stole several hundred dollars. (f) The sick man lay seven weeks in the hospital, but he has now recovered. (g) This tree grows quickly; it is at least four times as high as it was three years ago. (h) I wrote to my cousin a month ago, but the letter has not yet been answered. (i) The train for Montreal leaves at twelve o'clock at night. (j) My father could have sold his house last year, but now it is impossible.
- 4. Give the prepositions which govern, (a) the genitive only, (b) the dative and accusative, (c) the dative only, (d) the accusative only.
- 5. Decline in the singular and plural the German equivalent of your good sister.
- 6. Decline the following pronouns in the singular etwas, Nie mand, was, der (relative).
- 7. The lake is broader than the river, but the sea is broadest. In the preceding sentence what form of the superlative do you employ? Give reasons for your opinion.

- 8. Give the other two principal parts of the following verbs fliehen, ziehen, zwingen, gehen, kommen, sehen, finden, gieszen werfen, nehmen, treffen, vergessen.
  - 9. Translate the accompanying passage from Das kalte Herz,

# Translate into English :-

- (a) So sprach der arglistige Michel, und die andern waren es zufrieden; die einen, weil sie gerne nach Holland gezogen wären, es zu sehen, die andern des Geldes wegen. Nur ein einziger war redlich und mahnte sie ab, das Gut ihres Hern der Gesahr auszuschen oder ihn um den höheren Preis zu betrügen; aber sie hörten nicht auf ihn und vergaßen seine Worte, aber der Holländer-Michel vergaß sie uicht. Sie suhren auch mit dem Holz den Rhein hinab, Michel leitete den Floß und brachte sie schnell bis nach Rotterdam. Dort bot man ihnen das Viersache von dem früheren Preis; und besonders die ungeheueren Balken des Michel wurden mit schwerem Geld gezahlt.
- (b) "Du dauerst mich. so schlecht Du auch bist," sprach das Männlein nach einigem Nachdenken. "Aber weil Dein Bunsch nicht thöricht ist, so kann ich Dir wenigstens meine Hüsse nicht versagen. So höre. Dein Herz kannst Du mit keiner Gewalt mehr bekommen, wohl aber mit List, und es wird vielleicht nicht schwer halten; denn Michel bleibt doch nur der dumme Michel obgleich er sich ungemein klug dünkt. So gehe denn geraden, Beges zu ihm hin und thue, wie ich Dir heiße!"

#### GREEK .- OPTIONAL.

## GRAMMAR, SENTENCES, AND TRANSLATION AT SIGHT.

THURSDAY, JUNE 2ND:—MORNING, 9 TO 10.30.

- 1. Translate into Greek :-
- (a) He spoke thus to the same soldiers.
- (b) Many great cities are in that country.
- (c) Cyrus, having marched ten parasangs, remained there three days.

- (d) He led away all the Greeks into another country.
- (e) Why do you not trust our general?
- (f) Cyrus had a far more beautiful chariot than the Queen herself.
- 2. Give the aor. ind. mid. 2nd pers. sing.; aor. imp. pass. 2nd pers. sing.; perf. inf. pass.; gen. sing. fem. perf. part. act.; dat. plur. fem. aor. part. pass.; dat. sing. mas. pres. part. act. of φιλέω, πλέκω, λαμβάνω, αἰρέω.
- 3. Give acc. and dat., sing. and plur., of βασιλεύς, ναῦς, εὕθυνα, χώρα, λέων, νοῦς.
- 4. Give comparative and superlative of μέγας, μικρός πολύς, αἰσχρός, ταχύς.
- 5. With what cases are the following prepositions used, and with what meanings:  $-\epsilon \pi i$ ,  $i \pi \delta$ ,  $\pi \rho \delta$ ,  $\pi a \rho \delta$ .
  - 6. Translate into English:
- ό δὲ Δημοσθένης, στρατηγὸς ὡν, παρεκάλεσε τοὺς λοχαγοὺς καὶ ἐκέλευσε μηκέτι μένειν ἀλλὰ εἰθὺς τοὺς ἄνδρας
  εἰς τὴν τῶν πολεμίων ἄγειν. οἱ δὲ εἶπον ὅτι οὐ δέοι ἐκεῖθεν πορεύεσθαι πρὶν παραγένοιντο καὶ οἱ ἱππῆς. πολλῶν
  δὲ λόγων γιγνομένων, ἤλθέ τις ἀγγέλλων ὅτι τὰς πύλας
  καλουμένας, δι' ὧν ἐστιν ἡ ὅδὸς, καταλάβοιεν ἤδη οἱ
  πολέμιοι, ὥστε οὐκέτι ἃν δύναιντο διελθεῖν.

# XENOPHON, ANABASIS, BOOK 1.

THURSDAY, JUNE 2ND: - MORNING, 10.30 TO 12.

- 1. Give the derivation and exact meaning of the word aváβaσις, also the date of the events related in this book.
- 2. Translate with notes on the construction of the words underlined:—

- (a) 'Ως μὲν στρατηγήσοντα ἐμὲ ταύτην τὴν στρατηγίαν μηδεὶς ὑμῶν λεγέτω· πολλὰ γὰρ ἐνορῶ δι' ἃ ἐμοὶ τοῦτο οὐ ποιητέου· ὡς δὲ τῷ ἀνδρὶ ὃν ἃν ἕλησθε πείσομαι ἡ δυνατὸν μάλιστα, ἵνα εἰδῆτε ὅτι καὶ ἄρχεσθαι ἐπίσταμαι ὡς τις καὶ ἄλλος μάλιστα ἀνθρώπων.
- (δ) ρίψαντες γὰρ τοὺς πορφυροῦς κάνδυς ὅπου ἔτυχεν ἕκαστος ἑστηκώς; ἵεντο ὥσπερ ἀν δράμοι τις περὶ νίκης καὶ μάλα κατὰ πρανοῦς γηλοφου, ἔχοντες τούτους τε τοὺς πολυτελεῖς χιτῶνας καὶ τὰς ποικίλας ἀναξυρίδας, ἔνιοι δὲ καὶ στρεπτοὺς περὶ τοῖς τραχήλοις καὶ ψέλια περὶ ταῖς χερσίν εὐθὺς δὲ σὺν τούτοις εἰσπηδήσαντες εἰς τὸν πηλον θᾶττον ἢ ὥς τις ἀν ῷετο μετεώρους ἐξεκόμισαν τὰς ἀμάξας.
- (c) Κῦρος γὰρ ἔπεμπε βίκους οἴνου ἡμιδεεῖς πολλάκις ὁπότε πάνυ ἡδὺν λάβοι, λέγων ὅτι οὕπω δὴ πολλοῦ χρόνου τούτου ἡδίονι οἰνω ἐπιτύχοι· τοῦτον οὖν σοὶ ἔπεμ-ψε καὶ δεῖταί σου τήμερον τοῦτον ἐκπιεῖν σὰν οἶς μάλιστα φιλεῖς.
- 3. In the above extracts parse fully λεγέτω, εἰδῆτε, εκλησθε, χερσίν, θᾶττον, ἤετο, ἡδίονι, ἐκπιεῖν, ἐπιτύχοι.
- 4. Explain the terms ἀγορὰ πλήθουσα, παρασάγγης, φάλαγξ, τάλαντον, ἄρματα δρεπανηφόρα, παιανίζειν.
- 5. Write brief notes on the following names:—Tissaphernes, Syennesis, Orontes, Miletus, Maeander, Thapsakos.
- (N.B.—The answers to this paper are to be sent in separately from the answers to the Greek Grammar Paper.)

#### GEOGRAPHY,

FRIDAY, 3RD JUNE :- AFTERNOON, 2 TO 3.

(N.B.-Answer two questions only from each group.)

I.

- 1. Draw a map of Cuba, showing the adjacent coasts and important islands.
- 2. What and where are: Manilla, Key West, Berber, Matanzas, Klondyke, Suez, Hong Kong, Dry Tortugas, Puget?
- 3. Explain: isthmus, isotherm, moraine, estuary, delta, geyser, plateau, meridian, tropic.

II.

- 4. Locate: Malta, Vancouver, Havanna, Khartoum, Carthagena, Bristol, Sunda, Nicaragua, Port Arthur.
- 5. Name the chief ocean currents, indicating the direction of each by drawing or otherwise.
  - 6. Draw a map of Africa.

III.

- 7. Describe the motions of the earth. Which of these cause the seasons of the year.
  - 8. Draw a map of Europe. Show (1) the seas,
    - (2) the countries,
    - (3) ten rivers,
    - (5) ten important cities.

# McGILL UNIVERSITY

# FACULTY OF MEDICINE

ANNUAL CALENDAR

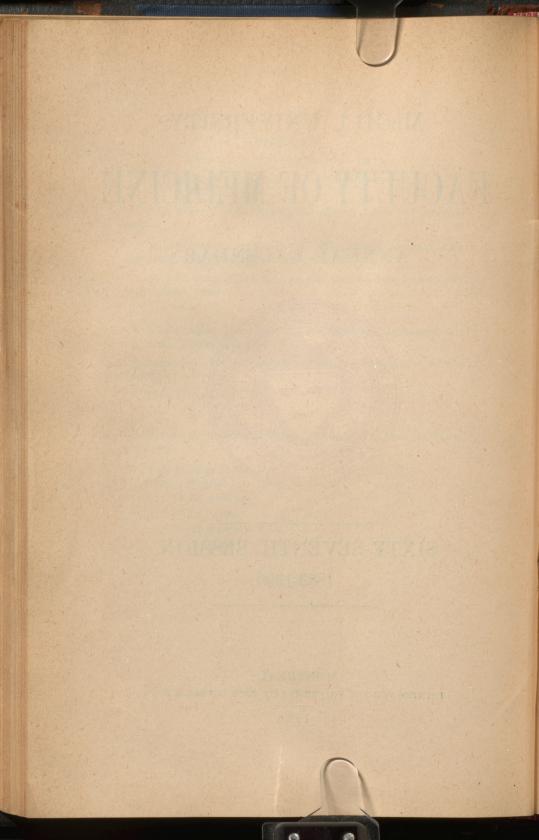


# SIXTY-SEVENTH SESSION 1899-1900

MONTREAL:

PRINTED FOR THE UNIVERSITY BY JOHN LOVELL & SON.

1899.



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# ALMANAC, 1899~1900.

7th	Month.	JULY xxxi days. 1899.
1	S.	{ Dominion Day.   Meeting of Medical Faculty
2	S.	
3	M.	
4	Tu.	( Registration for Prov. of Quebec, (at Mont-
5	W.	real). Matriculation Exam. C. P. & S., New
6	Тн.	( Brunswick, (at St. John).
7	F.	
8	S.	
9	S.	
10	M.	
11	Tu.	
12	W.	
13	TH.	Registration in Nova Scotia.
14	F.	
15	S.	Dr. W. Robertson Died, 1844.
16	S.	
17	M.	
18	Tu.	
19	W.	
20	Тн.	Malpighi died, 1694.
21	F.	
22	S.	
2.	S.	
24	M.	
25	Tu.	
26	W.	
27	Тн.	
28	F.	
29	S.	
30	S.	The second secon
31	M.	Dr. R. L. MacDonnell died, 1891.

8th	Month.	AUGUST xxxi days. 1899.
1	Tu.	Duverney born, 1648.
2	W.	
3	Тн.	
4	F.	
5	S.	displaying the same and the sam
6	S.	
7	M.	
8	Tu.	
9	W.	
10	Тн.	
11	F.	Second Production of the Control of
12	S.	
13	S.	Lavoisier born, 1743.
14	M.	
15	Tu.	The bot should be the
16	W.	
17	Тн.	
18	F.	Sir A. Cooper born, 1768.
19	S.	
20	S.	Hey born, 1726.
21	M.	
22	Tu.	
23	W.	
24	Тн.	
25	F.	
26	S.	Goethe born, 1749.
27	S.	
28	M.	
29	Tu.	
30	W.	
31	Тн.	311 M. T. De. R. E. Mar Donnall officel, 189

9th	Month.	SEPTEMBER xxx days. 1899.
1	F.	
2	S.	Meeting of Medical Faculty.
3	s.	POST DESTRUMENTATION OF THE PARTY OF THE PAR
4	M.	Galvani born, 1737.
5	Tu.	
6	W.	
7	Тн.	Matriculation Prov. Med. Council, Nova Scotia.
8	F.	
9	S.	The second second second
10	S.	
11	M.	
12	Tu.	Register opens for Students in Medicine.
13	w.	Matriculation Exam. C. P. S., New Brunswick. Exams. C. P. & S. North West Territories.
14	Тн.	Matriculation Exam. Arts and Medicine, McGill
15	F.	
16	S.	The same that the same of the
17	s.	
18	M.	ne 3 +alf got adjulient 1 at 1 at
19	Tu.	The state of the s
20	W.	Medical Entrance Exam. C. P. and S., Manitoba
21	Тн.	Matric. Exam. Coll. P.& S, Quebec, (at Quebec)
22	F.	Lectures begin.
23	S.	Meeting of Governors.
24	S.	
25	M.	
26	Tu.	
27	W.	Registration for Prov. of Quebec, (at Quebec).
28	Тн.	all arm all atmospheres and a discount for
29	F.	and another the 12 at 150
30	S.	L. L. C. L. March Les Bennier ( )
	1	

10t	h Month	OCTOBER xxxi days. 1899
1	s.	The second of th
2	M.	
3	Tu.	
4	W.	James McGill born, 1744, Founder's day.
5	Тн.	
6	F.	
7	S.	Fallopius died, 1562. McGill Medical Society, annual meeting, Meeting of the Medical Faculty.
8	S.	
9	M.	A. F. Holmes died, 1860.
10	Tu.	Professional Exams. C.P.S., Ont.
11	W.	Vesalius died, 1564.
12	Тн.	Registration in Nova Scotia.
13	F.	Reamur died, 1757.
14	S.	Sports Day.
15	S.	Discould make the same of the same
16	M.	
17	Tu.	
18	W.	MARKET SECTION AND ADDRESS OF THE PARTY OF T
19	TH.	Matriculation Prov. Med. Council Nova Scotia.
20	F.	Baillie born, 1761.
21	S.	Register closes for session 1899-1900. Meeting of Governors.
22	S.	
23	M.	
24	Tu.	
25	W.	Meeting of Corporation.
26	Тн.	
27	F.	
28	S.	Military Life principle real management of the control of the cont
29	S.	Lectures began in Montreal Med. Ins. in 1824.
30	M.	S All Hallows Eve.
31	Tu.	Exams, and Regist'n. C.P.S., British Columbia
 -		

11th	Month.	NOVEMBER xxx days. 1899.
1 2 3 4	W. TH. F. S.	Meeting of Medical Faculty.
5 6 7 8 9 10 11	S. M. Tu. W. Th. F.	First Lectures delivered in Med. Faculty, 1829 Bichat born, 1771. Dr. Geo. Ross died, 1892.
12 13 14 15 16 17 18	S. M. Tu. W. Th. F.	Radcliffe born, 1650.
19 20 21 22 23 24 25	S. M. Tu. W. Th. F.	Meeting of Governors.
26 27 28 29 30	S. M. Tu. W. Th.	Note and seconds at the last of the last o

12t	h Month	. DECEMBER xxxi days. 1899.
1	F.	
2	S.	Meeting of Medical Faculty.
3	S.	
4	M.	
5	Tu.	
6	W.	2000 元 1000 2000 00000 3 3 2 000 00
7	Тн.	
8	F.	
9	S.	
10	S.	
11	M.	Sessional Examinations begin
12	Tu.	
13	W.	The second of th
14	Тн.	James McGill died, 1813.
15	F.	
16	S.	Meeting of Governors.
17	S.	Contract of the state of the st
18	M.	
19	Tu.	The state of the s
20	W.	Pott died, 1788.
21	Тн.	Autumn Term ends.
22	F.	Peyer born, 1653.
23	S.	
24	S.	
25	M.	Christmas Day.
26	Tu.	
27	W.	Boerhaave born, 1688.
28	Тн.	
29	F.	
30	S.	
31	8.	

1st I	Month.	JANUARY xxxi days. 1900.
1	M.	New Year's Day. Royal Victoria Hospital opened 1894.
2	Tu.	(Royal Victoria Hospital opened 1894.
3	W.	Linacre born, 1460.
4	Тн.	
5	F.	
6	S.	Meeting of Medical Faculty.
7	S.	
8	M	Winter Term begins.
9	Tu.	Registration in Nova Scotia.
10	W.	Exams. C.P.S., North West Territories.
11	TH.	
12	F.	I N ST ST
13	S.	The second secon
14	S.	Lower born, 1653.
15	M.	
16	Tu.	
17	W.	
18	Тн.	
19	F.	TO SEE AND ABSTRACT OF SEC.
20	S.	Meeting of Governors.
21	S.	Dr. Wm. Caldwell died, 1883.
22	M.	
23	Tu.	
24	W.	Regular Meeting of Corporation.
25	Тн.	
26	F.	
27	S.	
28	S.	American Marie Company
29	M.	Charter granted to Mont. Gen. Hospital, 1823.
30	Tu.	
31	W.	

2nd	Month.	FEBRUARY xxviii days. 1900.
1 2	TH.	Willis born, 1622.
3	S.	Meeting of Medical Faculty.
4	S.	Prof. Sutherland died, 1875.
5	M.	
6 7	Tu.	
8	W. TH.	
9	F.	
10	S.	The State of the S
11	S.	
12	M.	
13	Tu.	CT TO THE TENT OF
14	W.	{ Laennec born, 1781. John Hunter born, 1728. Prof. Hall died, 1868.
15	Тн.	(1101. 11an died, 1000.
16	F.	
17	S.	
18	S.	
19	M.	Abernethy born, 1697.
20	Tu.	Albinus born, 1697.
21	W.	Morgagni born, 1682.
22 23	Тн.	
24	F.	Martin
-	S.	Meeting of Governors.
25	S.	
26	M.	
27 28	Tu.	A THE STREET OF THE STREET OF THE STREET
40	W.	Ash Wednesday.
		19 M. Charlet grouped in Mont. Fish.
1000		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
A STATE OF THE STA		

3rd	Month.	MARCH xxxi days. 1900.
1	Тн.	
2 3	F. S.	Meeting of Medical Faculty.
4	S.	Control of the second
5	M.	
6	Tu.	
7	W.	
8	Тн.	
9	F.	
10	S.	
11	S.	THE COLUMN TWO IS NOT
12	M.	
13	Tu.	DOTE MAN TO LE LA
14	W.	
15	Тн.	
16	F.	
17	S.	St. Patrick's Day.
18	S.	
19	M.	
20	Tu.	
21	W.	entertown in patients of the
22	Тн.	22 St. I Shiftened bem, Lots.
23	F.	Winter Term ends.
24	S.	Meeting of Governors.
25	S.	THE RESERVE OF THE PARTY OF THE
20	M.	
27	Tu.	Prof. R. P. Howard died, 1889.
28	W.	1000年代中国100日的中国100日
29	Тн.	Convocation for Degrees in Vet. Science.
30	F.	
31	S.	

4th	Month.	APRIL xxx days. 1900
1	s.	
2	M.	
3	Tu.	CONTRACTOR OF THE PARTY OF THE
4	W.	
5	Тн.	
6	F.	
7	S.	Meeting of Medical Faculty.
8	S.	
9	M.	Spring Term begins.
10	Tu.	
11	W.	Sydenham born, 1624.
12	Тн.	
13	F.	Good Friday.
14	S.	Petit born, 1760.
15	S.	Easter Sunday.
16	M.	
17	Tu.	{ Orfila born, 1787. Registration in Nova Scotia.
18	W.	( Registration in Nova Scotia.
19	TH.	Commence of the Commence of th
20	F.	
21	S.	Masting of Comme
Con to the same		Meeting of Governors.
22	S.	Shakespeare born, 1564.
23	M.	
24	Tu.	W. C. C.
25	W.	Meeting of Corporation.
26	TH.	
27	F.	Constant
28	S.	Conv. for degrees in Arts, Law and App. Science
29	S.	aV acceptably advecting the College Co
30	M.	

	15				
5th 1	Month.	MAY xxxi days. 1900.			
1	Tu.	Post Graduate Course begins.			
2	W.	Exams. and Regist. C. P. & S., Br. Columbia			
3	Тн.				
4	F.				
5	S.	Meeting of Medical Faculty.			
6	S.	The second secon			
7	M.	The state of the s			
8	Tu.				
9	W.	Exams. C. P. S., North West Territories.			
10	Тн.	and a light pour least the all lights.			
11	F.				
12	S.				
13	S.	Edward Jenner born, 1749.			
14	M.	Heberden born, 1710.			
15	Tu.	A STATE OF THE PARTY OF THE PAR			
16	W.	Primary and final examins. C. P. & S., Ont.			
17	Тн.				
18	F.				
19	S.				
20	S.				
21	M.	Prof. Scott died, 1883.			
22	Tu.	all 2 of State Sweet allowants San Francisco			
23	W.				
24	Тн.	Queen Victoria born, 1819.			
25	F.	Lectures end.			
26	S.	Meeting of Governors.			
27	S.	(Prof. G. W. Campbell died, 1882.			
28	M.	John H. R. Molson died, 1897.  Examinations begin.			
29	Tu.	(15Xammations begin.			
30	W.				
00	- T				

31

Тн.

6th	Month.	JUNE xxx days. 1900.
1 2	F. S.	Meeting of Medical Faculty.
3 4 5 6 7 8	M. Tu. W. Th. F.	Corner-stone Mont. Gen. Hospital laid, 1821  Eustachius died, 1574, Post-Graduate Course ends.
9	S.	
10 11 12	M. Tu.	Matriculation Exams, Arts and Medicine.
13 14	W. TH.	Exam. for License C. P. S., New Brunswick.  Spring Terms ends.
15	F. S.	Spring Terms ends. Convocation for conferring Degrees in Med. Rolando born, 1773.
17 18 19 20 21 22 23	S. M. Tu. W. Th. F.	Queen Victoria's Ascension, 1837.  Matriculation Col. P. & S., Quebec (at Mont.)  Meeting Governors.
24 25	S. M.	Montreal Medical Institution became Medical [Faculty, 1829.
26 27 28 29 30	Tu. W. Th. F. S.	Prof. Fenwick died, 1894. Meeting of Corporation. Queen Victoria Crowned, 1838.

# Benefactors of the Faculty of Medicine.

#### I.—LEANCHOIL ENDOWMENT.

This endowment, established in 1883, has been invested and the interest applied to the general expenses of the Faculty.

Lord Strathcona and Mount Royal, G.C.M.G.....\$50,000

#### II.—CAMPBELL MEMORIAL ENDOWMENT.—\$48,906.

Established in 1883 to commemorate the services rendered to the Faculty during forty years by the late Dean, George W. Campbell, M.D., L.L.D.

This fund has also been invested, and the income from it utilised for general expenses of the Faculty.

101 general expenses of all		
Mrs. G. W. Campbell \$2,000	George Hague, Esq\$	500
H. and A. Allan 1,500	J. K. Ward, Esq	500
Lord Strathcona and Mount	Warden King, Esq	500
Royal	John Sterling, Esq	500
Sir George Stephen, Bart 1,000	John Rankin, Esq	500
R. B. Angus, Esq 1,000	Cantlie, Ewan & Co	500
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Alex. Murray, Esq 1,000	J. & W. Ogilvie	500
Robert Moat, Esq 1,000	Randolph Hersey, Esq	500
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A Friend	S. Carsley, Esq	500
Duncan McIntyre, Esq 1,000	D. C. McCallum, M.D	500
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G. W. Stephens, Esq 1,000	Geo. Ross, M. D	500
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R. P. Howard, M.D 1,000	Wm. Gardner, M.D	500
G. B. & J. H. Burland, Esq. 1,000	Cochrane, Cassils & Co	500
Miss Elizabeth C. Benny 1,000	Joseph Hickson, Esq	500
J. C. Wilson, Esq 1,000	Allan Gilmour (Ottawa)	500
Mrs. John Redpath 1,000	R. W. Shepherd, Esq	500
Hon. John Hamilton 1,000	G. E. Fenwick, M.D	300
Miss Orkney 1,000	Miles Williams, Esq	300
Hugh McKay, Esq 1,000	G. P. Girdwood, M.D	250
Hector McKenzie, Esq 1,000	Chas. F. Smithers, Esq	250
Thomas Workman, Esq 1,000	John Kerry, Esq	250
Hugh McLennan, Esq 1,000	A. Baumgarten. Esq	250
O. S. Wood, Esq 1,000	V. R. Elmenhorst, Esq	250
Frank Buller, M.D 500	W. F. Lewis, Esq	250
James Burnett, Esq 500	Geo. Armstrong, Esq	250
Andrew Robertson, Esq 500	J. M. Douglas, Esq	250
Robt. McKay, Esq 500	H. Lyman, Sons & Co	250
John Hope, Esq 500	F. J. Shepherd, M.D	250
Alex. Urquhart, Esq 500	Duncan McEachran, Esq.,	
R. A. Smith, Esq 500	F.R.C.V.S	200

Benj. Dawson, Esq \$ R. Wolff, Esq	200 150	R. J. B. Howard, M.D \$ R. F. Rinfret, Esq. (Quebec)	25 20	
Mrs. Cuthbert (New Rich-	150	Robert Howard, M. D. (St. Johns)	20	
mond, Q.)	100	Dr. J. & D. J. McIntosh (Vankleek Hill)	20	
H. W. Thornton, M.D. (New Richmond, Q.)	100	J. E. Brouse, M.D. (Prescott)	20	
A. T. Paterson, Esq.,	100	J. H. McBean, M.D	15	
C. B. Hanvey, M.D. (Yale, B.C.)	100	J. C. Rattray, M.D. (Cobden, O.)	10	
D. Cluness, M.D (Nanaimo,	T.00	J. H. Howard, M.D. (La-		
W. Kinlock, Esq	100	J. W. Oliver, M. D. (Clif-	10	
Hua Richardson & Co Hugh Paton, Esq	100	ton, O.)	10	
R. T. Godfrey, M.D	100	P. A. McDougall, M.D. (Ottawa, O.)	10	
T. A. Rodger, M.D W. A. Dyer, Esq	100	A. Pousette, M.D. (Sarnia,		
Geo. Wood, M.D. (Fari-	100	O.)	10	
bault, Min.)	100	0.)	IO	
A. A. Brown, M.D George Wilkins, M.D	100	James Gunn, M.D. (Durham, O.)	IO	
R. L. McDonnell, M. D	100	J. McDiarmid, M.D. (Hen-		
Joseph Workman, M.D.	50	sall, O.)	5	
Sir A. T. Galt	50	land, ().)	5	
(Campbellton, N.B.)	50	J. Gillies, M.D. (Teeswater, O.)	5	
T. J. Alloway, M.D Griffith Evans, M.D. (Vet.	30	J. B. Benson, M.D. (Chat-		
Department, Army)	25	ham, N.B.) L. A. Fortier, M.D. (St.	5	
J. J. Farley, M.D. (Belle-ville)	0.5	David, Q.)	5	
Henry R. Gray, Esq.,	25 25	J. A. McArthur, M.D. (Fort- Elgin, O.)	5	
Louis T. Marceau, M.D. (Napierville, Q.)	0.5	John Campbell, M.D. (Sea-		
(1. apre. 1. inc., Q.)	25	forth, O.)	5	
III. —THE DRAKE ENDOWMENT.				
Given as an annual donation from 1891 to 1897 of \$500 per annum towards the expenses of the chair of Physiology.				
Contribution in 1897 towards the endowment of the Joseph Morley Drake chair of Physiology.				
		\$10,0	000	
IV.—The Dr. Geo. Major Donation.				
Prof. Geo. Major, in 1892, contributed \$500 towards the chair of				
Pathology.				
Dr. Geo. Major		\$5	00	

#### V.—THE DOW BEQUEST.

A bequest from the late Mrs. Mary Dow in 1892, the interest from which is devoted to the general expenses of the Faculty.

#### VI.—THE MRS. JOHN McDougall's Donation.

A donation from Mrs. John McDougall in 1892 to bear Dr. Craik's name, the interest on which is applied to the general expenses of the Medical Faculty.

Mrs. John McDougall......\$1,000

#### VII.—THE MOLSON FUND.

A donation from the late Mr. John H. R. Molson in 1893 to enable the Faculty to purchase land and erect an additional wing to its buildings.

John H. R. Molson...... \$60,000

VIII .- THE LORD STRATHCONA AND MOUNT ROYAL ENDOWMENT.

An endowment in 1893 of the chairs of Pathology and Sanitary Science.

Lord Strathcona and Mount Royal..... \$100,000

#### IX.—THE LEARMONT BEQUEST.

A bequest, in 1894, from Miss Jane Learmont, to bear Dr. Craik's name, the interest on which is applied to the general expenses of the Faculty.

The late Miss Jane Learmont.....\$3,000

X .- THE LORD STRATHCONA AND MOUNT ROYAL BUILDING FUND .

A donation in 1898 in the names of Lady Strathcona and the Honorable Mrs. Howard, to enable the Faculty to meet the increased demand for laboratory accommodation.

# Officers and Members of the Faculty.

SINCE ITS ORIGIN.

#### DEANS.

Dr. W. ROBERTSON, official head of the Montreal Medical Institution 1823, succeeded by Dr. John Stephenson in 1829 as Registrar and Official head of the Faculty up to 1842, when he was succeeded by Dr. A. F. Holmes with title of Secretary. Dr. A. F. Holmes was the first Dean, 1854.

GEO. W. CAMPBELL, 1860. ROBT. CRAIK, 1889. R. P. HOWARD, 1882.

GEORGE Ross (vice-Dean), 1889.

#### REGISTRARS

JOHN STEPHENSON, 1829. ARCHIBALD HALL, 1842.

ROBT. CRAIK, 1869. WILLIAM OSLER, 1877. F. J. SHEPHERD, 1883 (acting). JAS. STEWART, 1884.

WILLIAM WRIGHT, 1864.

R. F. RUTTAN, 1891.

## CHAIR OF MEDICINE. - (Founded 1824.)

WILLIAM CALDWELL, 1824. GEORGE ROSS, 1889. WILLIAM ROBERTSON, 1833. JAMES STEWART, 1893. ANDREW F. HOLMES, 1842. F. G. FINLEY (Asst. Prof.) 1894. R. PALMER HOWARD, 1860. H. A. LAFLEUR (Asst. Prof.) 1894.

## CHAIR OF SURGERY.—(Founded 1824.)

JOHN STEPHENSON, 1824. GEO. E. FENWICK, 1875. G. W. CAMPBELL, 1835. T. G. RODDICK, 1890. JAS. BELL (Asst. Prof.) 1891-1894.

# CHAIR OF MIDWIFERY .- (Founded 1824.)

WILLIAM ROBERTSON, 1824. JOHN RACEY, 1833. GEO. W. CAMPBELL, 1835. WM. McCulloch, 1842.

ARCHIBALD HALL, 1854. D. C. MACCALLUM, 1868. ARTHUR A. BROWNE, 1883. J. CHALMERS CAMERON, 1886.

#### CHAIR OF ANATOMY.—(Founded 1824.)

John Stephenson, 1824. Wm. E. Scott, 1856.
OLIVER T. BRUNEAU, 1842. Francis J. Shepherd, 1883.

## CHAIR OF CHEMISTRY.—(Founded 1824.)

ANDREW F. HOLMES, 1824. ROBT CRAIK, 1867.

ARCHIBALD HALL, 1842. GILBERT P. GIRDWOOD, 1879.

WILLIAM SUTHERLAND, 1849. R. F. RUTTAN (Asst. Prof.) 1891-4.

## CHAIR OF PHYSIOLOGY.-(Founded 1824, Endowed 1897.)

JOHN STEPHENSON, 1824. WILLIAM FRASER, 1849.
STEPHEN C. SEWELL, 1842. JOSEPH M. DRAKE, 1872.
ROBERT L. MACDONNELL, 1845. WILLIAM OSLER, 1874.
WESLEY MILLS, 1886.

# CHAIR OF PHARMACOLOGY AND THERAPEUTICS. (Founded 1824.)

ANDREW F. HOLMES, 1824.

A. HALL, 1849.

ARCHIBALD HALL, 1835.

WILLIAM WRIGHT, 1854.

STEPHEN C. SEWELL, 1842.

JAMES STEWART, 1883.

A. D. BLACKADER, 1891.

## CHAIR OF BOTANY.—(Founded 1829.)

Andrew F. Holmes, 1829. James Barnston, 1857.

Dr. Papineau, 1845. J. W. Dawson, 1855 & 58.

D. P. Penhallow, 1883.

## CHAIR OF CLINICAL MEDICINE—(Founded 1845.)

JAMES CRAWFORD, 1845 and 1852. DUNCAN C. MACCALLUM, 1860.
ROBT. L. MACDONNELL, 1849. JOSEPH M. DRAKE, 1868.
STEPHEN C. SEWELL, 1850. GEORGE ROSS, 1872.
R. PALMER HOWARD, 1856. RICH'D L. MACDONELL, 1889.
JAMES STEWART, 1891.

F. G. FINLEY (Asst. Prof.) 1894-6. H.A. LAFLEUR (Asst. Prof.) 1895-6

" (Assoc. Prof.) 1896. " (Assoc. Prof.) 1896.

C. E. Martin (Asst. Prof.) 1899.

#### CHAIR OF CLINICAL SURGERY.—(Founded 1845.)

JAMES CRAWFORD, 1845. GEORGE E. FENWICK, 1867.
WILLIAM E. SCOTT. 1852. THOMAS G. RODDICK, 1875.
DUNCAN C. MACCALLUM, 1856. JAMES BELL (Asst. Prof.) 1891-94.
ROBERT CRAIK, 1860. JAMES BELL, 1894.

GEO. E. ARMSTRONG (Asst. Prof.) 1894-6. (Assoc. Prof.) 1896.

# CHAIR OF MEDICAL JURISPRUDENCE. (Founded 1845.)

WILLIAM FRASER, 1845.

FRANCIS BADGLEY, 1849.

FRANCIS C. T. ARNOLDI, 1850.

WILLIAM E. SCOTT, 1851.

WILLIAM WRIGHT, 1852.

R. PALMER HOWARD, 1854.

DUNCAN C. MACCALLUM, 1860.

GEORGE E. FENWICK, 1867.

WILLIAM GARDNER, 1875.

GEORGE WILKINS, 1883.

# CHAIR OF HYGIENE AND PUBLIC HEALTH. (Founded 1871, Endowed 1893.)

GEORGE ROSS, 1871. WILLIAM GARDNER, 1879.
THOMAS G. RODDICK, 1873. R. L. MACDONNELL, 1886.
ROBERT T. GODFREY, 1875. ROBERT CRAIK, 1889.
WYATT JOHNSTON (Asst. Prof.) 1897.

# CHAIR OF PRACTICAL CHEMISTRY. (Founded 1872.)

GILBERT P. GIRDWOOD, 1872. R. F. RUTTAN (Asst. Prof.), 1891-94.
R. F. RUTTAN, 1894.

## CHAIR OF OPHTHALMOLOGY AND OTOLOGY.

(Founded 1883.)
FRANK BULLER, 1883.

CHAIR OF GYNÆCOLOGY.—(Founded 1883.)
WILLIAM GARDNER, 1883.

CHAIR OF PATHOLOGY.—(Founded 1892, Endowed 1893.)
J. Geo. Adami, 1892.

G. W. Major, 1893. H. S. Birkett, 1895.

# Coberning Pody of the Anibersity.

#### VISITOR:

HIS EXCELLENCY THE RIGHT HONOURABLE THE EARL OF MINTO, K.C.M.G., LL.D., P.C.

GOVERNOR-GENERAL OF CANADA, ETC.

#### GOVERNORS:

[Being the Members of the Royal Institution for the Advancement of Learning.]

THE RIGHT HON. LORD STRATHCONA AND MOUNT ROYAL, G.C.M.G., LL.D. (Hon. Cantab.), President and Chancellor of the University.

SIR WILLIAM C. MACDONALD, K.C.M.G., HUGH McLENNAN, Esq. GEORGE HAGUE, Esq.

JOHN MOLSON, Esq.

EDWARD B. GREENSHIELDS, Esq., B.A.

SAMUEL FINLEY, Esq.

ANDREW FREDERICK GAULT, Esq.

HON. JOHN SPROTT ARCHIBALD, M.A., D.C.L.

CHARLES J. FLEET, Esq., B.A., B.C.L.

RICHARD B. ANGUS, Esq.

SIR WILLIAM C. VAN HORNE, K.C.M.G.

JAMES ROSS, Esq.

CHARLES S. CAMPBELL, B.A., LL.L.

(The Board of Governors has, under the Royal Charter, the power to frame Statutes, to make Appointments, and to administer the Finances of the University.)

#### PRINCIPAL.

WILLIAM PETERSON, M.A., LL.D., Vice-Chancellor.

(The Principal has, under the Statutes, the general superintendence of all affairs of the College and University, under such regulations as may be in force.)

#### FELLOWS:

Ex Officio.

ALEXANDER JOHNSON, M.A., LL.D., D.C.L., F.R.S.C., Vice-Principal, and Dean of the Faculty of Arts.

HENRY T. BOVEY, M.A., D.C.L., LL.D., F.R.S.C., M.Inst.C.E., Dean of the Faculty of Applied Science.

ROBERT CRAIK, M.D., LL.D., Dean of the Faculty of Medicine.

DUNCAN McEACHRAN, D.V.S., Dean of the Faculty of Comparative Medicine and Veterinary Science.

F. P. WALTON, B.A., LL.B., Dean of the Faculty of Law.

S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.

To retire on 1st September, 1900.

JOHN REDPATH DOUGALL, M.A., Representative Fellow in Arts.

REV. E. I. REXFORD, B.A., Governors' Fellow.

REV. JAMES BARCLAY, M.A., D.D., Governors' Fellow.

MALCOLM C. BAKER, D.V.S., Elective Fellow, Faculty of Comparative Medicine and Veterinary Science.

ALEXANDER FALCONER, B.A., B.C.L., Representative Fellow in Law. CHAS. E. MOYSE, B.A., Elective Fellow, Faculty of Arts.

JOHN COX, M.A., F.R.S.C., Elective Fellow, Faculty of Arts.

Rev. W. I. SHAW, M.A., LL.D., Representative Fellow, Montreal Wesleyan Theological College, Principal of the College.

FRANK D. ADAMS, M.A.Sc., Ph.D., Representative Fellow in Applied Science.

REV. DONALD MACRAE, D.D., Representative Fellow, Morrin College, Quebec, Q., Principal of the College,

To retire on 1st September, 1901.

BERNARD J. HARRINGTON, M.A., Ph.D., F.G.S., F.R.S.C., Elective Fellow, Faculty of Applied Science.

FREDERICK W. KELLEY, B.A., Ph. D., Representative Fellow in Arts. R. F. RUTTAN, B.A., M.D., F.R.S.C., Elective Fellow, Faculty of Medicine. C. H. GOULD, B.A., Governors' Fellow.

D. P. PENHALLOW, B.Sc., M.A.Sc., Elective Fellow, Faculty of Arts. Hon. JOHN S. HALL, B.A., B.C.L., Governors' Fellow.

Rev. J. HENRY GEORGE, D.D., Ph.D., Representative Fellow, Congregational College of Canada, Principal of the College.

C. W. WILSON, M.D., Representative Fellow in Medicine,

A. E. C. MOORE, D.V.S., Representative Fellow in Comparative Medicine and Veterinary Science.

REV. HENRY M. HACKETT, M.A., B.D., Representative Fellow, Montreal Diocesan Theological College, Principal of the College.

To retire on 1st September, 1902.

SIR WILLIAM DAWSON, M.A., LL.D., F.R.S., C.M.G., Governors, Fellow.

REV. D. H. MACVICAR, D.D., LL.D., Representative Fellow, Presbyterian College, Montreal, Principal of the College.

REV. J. CLARK MURRAY, LL.D., F.R.S.C., Elective Fellow, Faculty of Arts.

T. WESLEY MILLS, M.A., M.D., F.R.S.C., Representative Fellow in Medicine.

C. H. McLEOD, Ma.E., F.R.S.C., Representative Fellow in Applied Science. Rev. C. R. FLANDERS, B.A., D.D., Representative Fellow, Stanstead Wesleyan College, Stanstead, Que., Principal of the College.

G. CUNNINGHAM WRIGHT, B.C.L., Representative Fellow in Law.

ARCHIBALD McGOUN, M.A., B.C.L., Elective Fellow, Faculty of Law. F. J. SHEPHERD, M.D., Elective Fellow, Faculty of Medicine.

G. H. CHANDLER, M.A., Elective Fellow, Faculty of Applied Science.

W. W. WHITE, M.D., St. John, N.B., non-resident Representative Fellow (Maritime Provinces and Newfoundland.)

W. A. CARLYLE, Ma.E., Victoria, B.C., non-resident Representative Fellow, (British Columbia, Manitoba and North West Territories.)

ROBERT W. ELL's, M.A., LL.D., Ottawa, non-resident Representative Fellow, (Ontario.)

WM. OSLER, M.D., LL.D., Johns Hopkins University, non-resident Representative Fellow, (United States.)

(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching the Course of Study, Matriculation, Graduation and other Educational matters, and to grant Degrees.)

## SECRETARY, REGISTRAR, AND BURSAR :-

[And Secretary of the Royal Institution.]

W. VAUGHAN, OFFICE, EAST WING, McGILL COLLEGE.

Office Hours: 9 TO 5.

JAMES W. BRAKENRIDGE, B.C.L. SAMUEL R. BURRELL, Clerk.

# Achill Aniversity General Innouncement.

#### SESSION OF 1899-1900.

The Sixty-seventh Session of the University, being the forty-seventh under the amended Charter, will commence in the autumn of 1899.

By virtue of the Royal Charter, granted in 1821, and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties in McGill College and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and, while all possible attention will be given to the character and conduct of students, no interference with their individual views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the affiliated Colleges and Schools.

#### 1.—McGILL COLLEGE.

THE FACULTY OF ARTS.—The courses of study extend over four Sessons of eight months each. In the third and fourth years, extensive options and certain exemptions are allowed to students of medicine. The course of study leads to the Degrees of B.A., B.Sc., M.Sc., D.Sc., and D.Litt.

The Degree of B.A. from this University admits the holder to the study of the learned professions without preliminary examination in the Provinces of Quebec and Ontario, and in Great Britain and Ireland, etc.

The Degree of B.A. or B.Sc. can be obtained along with the degree in the Faculty of Medicine or of Applied Science in six years, or of Law in five years. This is effected by avoiding the duplication of courses in the same subjects or in those which give the same educational training, and by a proper adaptation of the time tables. A certificate of Literate in Arts will be given along with the degree in either Faculty to candidates who have completed two years in Arts before entering the Professional Faculty.

THE COURSE IN ARTS provides for the education of women in separate classes, with course of study, exemptions, degrees and honours identical with those for men.

- THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying. Electrical Engineering, Practical Chemistry and Architecture, leading to the Degrees of B.Sc., M.Sc., and D.Sc.
- THE FACULTY OF LAW.—The complete course of Law extends over three Sessions of eight months each, and leads to the Degrees of B.C.L. and D.C.L.
- THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions of nine months each, and leads to the Degrees of M.D., C.M.
- THE FACULTY OF COMPARATIVE MEDICINE AND VETERINARY SCIENCE.

  —The complete course extends over three Sessions of six months each, and leads to the Degree of D.V.S.\*

#### II.—AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study in the Affiliated College, or in part in the Affiliated College, or in part in McGill College, as the case may be, and may come up to the University Examinations on the same terms with the students of McGill College.

MORRIN COLLEGE, Quebec.—Is affiliated in so far as regards Degrees in Arts and Law. (Detailed information may be obtained from Rev. Donald Macrae, D.D., Principal.)

St. Francis College, Richmond, P.Q.—Is affiliated in so far as regards the Intermediate Examinations in Arts. (Detailed information may be obtained from J. A. Dresser, B.A., Principal.)

THE STANSTEAD WESLEYAN COLLEGE, Stanstead, P.Q.—Is affiliated in so far as regards the Intermediate Examination in Arts. (Detailed information may be obtained from the Rev. C. R. FLANDERS, B.A., D.D., Principal.)

Vancouver College, Vancouver, B.C.—Is affiliated in so far as regards the work of the first year in Arts. (Detailed information may be obtained from A. Robinson, B.A., Principal.)

# III AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF CANADA, Montreal.—Principal, Rev. J. Henry George, D.D., Ph.D., 58 McTav's'i Street.

<sup>\*</sup>The complete Calendar, with information respecting all the Faculties, &c., may be obtained from W. Vaughan, Esq., registrar of the University.

THE PRESBYTERIAN COLLEGE, Montreal, in connection with the Presbyterian Church in Canada.—Principal, Rev. D. H. MACVICAR, D.D., LL.D., 69 McTavish Street.

THE DIOCESAN COLLEGE OF MONTREAL.—Principal, Rev. H. M. HACKETT, M.A., B.D., 201 University Street.

THE WESLEYAN COLLEGE OF MONTREAL.—Principal Rev. W. I SHAW, M.A., LL.D., 228 University Street.

[Calendars of the above Colleges and all necessary information may be obtained on application to their Principals.]

#### IV.—McGILL NORMAL SCHOOL.

THE McGILL NORMAL SCHOOL provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas, and may, on conditions stated in the announcement of the School, enter the classes in the Faculty of Arts for Academy Diplomas and for the Degree of B.A. Principal, S. P. ROBINS, LL.D., 32 Belmont Street, Montreal.

# V.—AFFILIATED HIGH SCHOOLS, ETC.

The Trafalgar Institute for the Higher Education of Women, Simpson Street, Montreal; Principal, Miss Grace Fairley. The High School of Montreal and the Girls' High School of Montreal, Metcalfe Street; Principal, Rev. Elson I. Rexford, B.A.

Schools which have prepared successful candidates for A.A. or for matriculation (June, 1898).

Abingdon school, Montreal; Montreal Coll. Inst.; St. John the Evangelist School, Montreal; Miss Symmers' and Miss Smith's School, Montreal; Westmount Academy; Almonte High School; Aylmer Academy; Bedford Academy; Brantford Coll. Inst.; Chicoutimi Protestant School; Clarenceville Model School; Coaticook Acad.; Compton Ladies' Coll.; Cookshire Acad.; Cowansville Acad.; Danville Acad.; Dufferin Grammar School; Dunham Ladies' Coll.; Enfield School; Feller Inst.; Gananoque High School; Granby Acad.; Huntingdon Acad.; Knowlton Acad.; Lachute Academy; Lennoxville Model School; Magog Model High Orangeville School; Ormstown Academy; Ottawa Coll. Inst.; Pembroke High School; Portage du Fort Model School; Quebec High School; Girls' High School, Quebec; Renfrew High School; Church School for Boys, Rothesay, N.B.; Shelburne Acad., N.S.; Sherbrooke Acad.; Stanstead Wesleyan Coll.; Sutton Acad.; St. Francis Coll. School; St. Johns' High School; Bishop Field Coll., St. John, Nfld.; Three Rivers Acad.; Buckland Coll., Vancouver, B.C.: Waterloo Acad.; Williamstown High School.

# Faculty of Medicine.

WILLIAM PETERSON, M.A., LL.D., Principal.
ALEXANDER JOHNSON, M.A., LL.D., Vice-Principal.
ROBERT CRAIK, M.D., LL.D., Dean.
R. F. RUTTAN, B.A., M.D., Registrar.
J. G. ADAMI, M.A., M.D., Director of the Museum.
F. G. FINLEY, M.B. (Lon.), M.D. (McGill), Librarian.

#### EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica, 84 St. Famille Street. Duncan C. MacCallum, M.D., Midwifery, 45 Union Avenue. SIR WILLIAM DAWSON, C.M.G., LL.D., F.R.S., Natural History.

#### PROFESSORS.

ROBERT CRAIK, M.D., LL.D., Professor of Public Health and Preventive Medicine, 887 Sherbrooke Street.

G. P. GIRDWOOD, M.D., Professor of Chemistry, III University Street.

THOMAS G. RODDICK, M.D., LL.D. (Edin.), Professor of Surgery, 80

Union Avenue.

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 Union Avenue.

FRANCIS J. SHEPHERD, M.D., Professor of Anatomy, 152 Mansfield Street.

FRANK BULLER, M.D., Professor of Ophthalmology and Otology, 123
Stanley Street.

James Stewart, M.D., Professor of Medicine and Clinical Medicine, 285 Mountain Street.

George Wilkins, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 898 Dorchester Street.

D. P. Penhallow, B.Sc., M. A. Sc., Professor of Botany, McGill College.

Wesley Mills, M.A., M.D., Professor of Physiology, McGill College.

James Chalmers Cameron, M.D., Professor of Obstetrics and Diseases of Infancy, 941 Dorchester Street.

ALEX. D. BLACKADER, B.A., M.D., Professor of Pharmacology and Therapeutics, and Lecturer on Diseases of Children, 236 Mountain Street.

R. F. RUTTAN, B.A., M.D., Professor of Practical Chemistry, McGill College.

JAMES BELL, M.D., Professor of Clinical Surgery, 873 Dorchester Street. J. G. Adami, M.A., M.D. (Cantab.), F.R.S. (Edin.), Professor of Pathology, McGill College.

F. G. Finley, M.B. (Lond.), M.D. (McGill), Assistant Professor of Medicine and Associate Professor of Clinical Medicine, 1013 Dorchester Street.

HENRY A. LAFLEUR, B.A., M.D., Assistant Professor of Medicine and Associate Professor of Clinical Medicine, 58 University Street.

George E. Armstrong, M.D., Associate Professor of Clinical Surgery, 320 Mountain Street.

H. S. BIRKETT, M.D., Professor of Laryngology. 123 Stanley Street.

T. J. W. Burgess, M.D., Professor of Mental Diseases, Protestant Hospital for the Insane, Verdun.

WYATT JOHNSTON, M.D., Assistant Professor of Public Health and Lecturer on Medico-Legal Pathology, 74 Shuter Street.

C. F. Martin, B.A., M.D., Assistant Professor of Clinical Medicine, 40 Park Avenue.

#### LECTURERS.

- W. S. Morrow, M.D., Lecturer in Physiology, 96 Park Avenue.

  John M. Elder, B.A., M.D., Lecturer in Medical and Surgical Anatomy, and Demonstrator of Clinical Surgery, 4201 Sherbrooke Street.
- J. J. GARDNER, M.D., Lecturer in Ophthalmology, 211 Peel Street.
- J. A. Springle, M.D., Lecturer in Anatomy, 1237 Dorchester Street.
  F. A. L. Lockhart, M.B. (Edin.), Lecturer in Gynæcology, 38 Bishop Street.
- A. E. GARROW, M.D., Lecturer in Surgery and Clinical Surgery, 2726 St Catherine Street.
- W. F. HAMILTON, M.D., Lecturer in Clinical Medicine, 287 Mountain G. GORDON CAMPBELL, B.Sc., M.D., Lecturer in Clinical Medicine, 117 Metcalfe Street.

# DEMONSTRATORS AND ASSISTANT DEMONSTRATORS.

- J. G. McCarthy, M.D., Senior Demonstrator of Anatomy, 61 Drummond St.
- D. J. Evans, M.D., Demonstrator of Obstetrics, 939 Dorchester St.
- N. D. Gunn, M.D., Demonstrator of Histology, 47 Union Ave.
- R. TAIT McKenzie, M.A., M.D., Demonstrator of Anatomy, 59 Metcalfe St.
- J. A. HENDERSON, M.D., Demonstrator of Anatomy, 191 Bleury St.
- J. W. Scane, M.D., Demonstrator of Physiology, 4469 St. Catherine Street.

- KENNETH CAMERON, B.A., M.D., Demonstrator of Clinical Surgery, 903 Dorchester St.
- C. G. L. Wolf, B.A., M.D., Demonstrator of Practical Chemistry, McGill College.
- E. J. Semple, B.A., M.D., Demonstrator of Surgeon Pathology, 375 St. Antoine.
- R. A. KERRY, M.D., Demonstrator of Pharmacy, McGill College.
- J. J. Ross, M.D., B.A., Demonstrator of Anatomy, 679 Wellington St.
- A. E. ORR, M.D., Demonstrator of Anatomy, 900 Dorchester St.
- A. G. NICHOLS, M.A., M.D., Demonstrator of Pathology, 267 Mountain St.
- H. B. YATES, B.A. (Cantab.), M.D., Demonstrator of Bacteriology, 257 Peel St.
- A. A. Robertson, B.A., M.D., Demontrator of Physiology, 79 St. Matthew St.
- J. ALEX. HUTCHISON, M.D., Demonstrator of Clinical Surgery, 70
  Mackay Street.
- J. D. CAMERON, B.A., M.D., Demontrator of Gynacology, 2068 St. Catherine St.
- D. D. MacTaggart, B.A., M.D., Demonstrator of Pathology, 90 Park Avenue.
- D. P. Anderson, B.A., M.D., Demonstrator of Pathology, 493 St. Urbain St.
- S. RIDLEY MACKENZIE, M.D., Demonstrator of Medicine, 144 Peel St.
- H. D. Hamilton, M.D., Demonstrator of Laryngology, 82 Union
- T. P. Shaw, M.D., Assistant Demonstrator of Obstetrics, 51 Coursol Street.
- JAMES BARCLAY, M.D., Assistant Demonstrator of Obstetrics, McGill College.
- J. A. WILLIAMS, M.D., Assistant Demonstrator of Bacteriology, 385 St. Antoine Street.
- A. T. BAZIN, M.D., Assistant Demonstrator of Anatomy. 40 Richmond Square.
- H. M. Church, M.D., Assistant Demonstrator of Anatomy, 354 Greene Avenue.
- W. G. REILLY, M.D., Assistant Demonstrator of Anatomy, 51 Park Avenue.
- R. A. Westley, M.D., Assistant Demonstrator of Anatomy, 85 Union Avenune.
- MISS M. R. CHARLTON, Assistant Librarian.
- MAUDE E. ABBOTT, B.A., M.D., Assistant Curator,

Paildings of the Medical Facally: 22° दिना जिनाहेतुर.



Pathological Wing acquired 1893

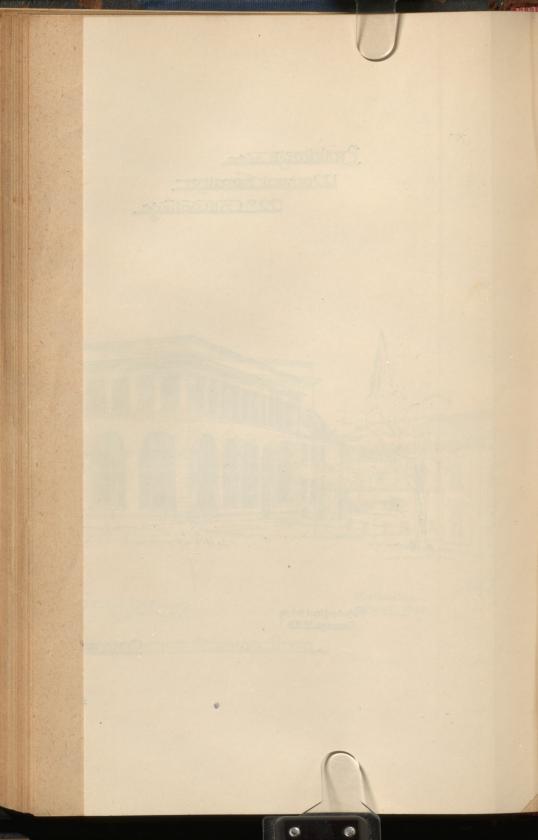
new Pailding

General View rom Carlina Road

Extension Built 1883

Original Building

andrew T. Taylor FR. 180 Taylor + Gordon Orch 122 ontreal



# Announcement of the Faculty of Medicine

SESSION 1899-1900.

The Sixty-seventh Session of this Faculty will be opened on Thursday, September 21st, 1899, by an introductory lecture by Professor William Osler, at 3 p.m. The regular lectures in all subjects will begin on September 22nd, at the hours specified in the time-tables, and will be continued until May 25th, 1890, when the annual examination will begin.

The Medical School of McGill University was founded in 1822 as the "Montreal Medical Institution," by Drs. W. Robertson, W. Caldwell, A. F. Holmes, J. Stephenson and H. P. Loedel—all of them at the time members of the staff

of the Montreal General Hospital.

Although founded in 1822, yet no session of the "Medical Institution" was held until 1824, when it opened with 25 students; in 1844 the number of students in the Faculty was 50; in 1851, 64, with 15 graduates; in 1872-73, 154, with 35 graduates; in 1892-93, 315, with 46 graduates; in 1895-96, 419, with 90 graduates; in 1898-99 the session just completed, 436, with 70 graduates.

There were no sessions held during the political troubles from 1836 to 1839, and it is owing to this fact that the present is the 67th session of the Faculty. This is in reality the seventieth session of the school, which is the direct continuation of the "Montreal Medical Institution."

In 1828 the "Medical Institution" was recognized by the Governors of the Royal Institution as the Medical Faculty of McGill University. At this time the lectures were given in a building on the site of the present Bank of Montreal. Later the school was removed to a brick building, still standing near the corner of Craig and St. George streets.

In 1846 the lectures of the Faculty were given in the present central building of the University now occupied by the Faculty of Arts. On account of the inconvenience arising from the distance of the University buildings from the centre of the city, it was decided in 1850, to erect a Medical school building on Cote Street, provided with ample accommodation for Library and Museum, and furnished with a large dissecting room and two lecture rooms; this building was occupied for the first time during the session 1851-52, and sufficed for the wants of the Faculty until 1872-73, when the present main building was provided by the Governors of the University.

In 1885 the building in the University grounds, erected by the Governors for the use of this Faculty, was found inadequate. A new building was then added, which at the time, afforded ample facilities for carrying out the great aim of the Faculty,—that of making the teaching of the primary branches thoroughly practical.

Owing to the larger classes and the necessity of thorough laboratory teaching, the Lecture Rooms and Laboratories added in 1885 soon became insufficient in size and equipment to meet the requirements of the Faculty.

The late Mr. John H. R. Molson with timely generosity came to the aid of the Faculty, and in 1893 purchased property adjoining the college grounds, and enabled the Faculty to erect new buildings and extensively alter and improve those already in use.

These buildings were completed and officially opened by His Excellency, the Earl of Aberdeen, visitor of the University, January 8th, 1895.

As will be seen on reference to the architect's plans on pages 34-35, the new buildings have been erected as an extension of the old ones, towards the northwest, partially facing Carlton road, and convenient to the Royal Victoria Hospital. They connect the Pathological building acquired in 1893 with the older buildings and comprise a large modern lecture room, capable of accommodating 450 students, with adjoining preparation-rooms and new suites of laboratories for Patho-

logy, Physiology, Histology, Pharmacology and Sanitary Science. The laboratories, etc., in the older buildings, have been greatly enlarged and improved; the whole of the second floor has been devoted to the department of anatomy, and consists of dissecting-room, anatomical museum and boneroom, preparation rooms, Professors' and Demonstrators' rooms, and a special Lecture Room.

On the ground floor the Library and Museum have been greatly enlarged; a room forming part of the Library has been furnished as a reading room for the use of students, where the extensive reference library of the Faculty may be consulted.

On this floor are situated also the Faculty room, the Registrar's office, the special museum for Obstetrics and Gynæcology, together with Professors' rooms, etc. The chemical laboratories have been increased by including the laboratories formerly used by the department of Physiology.

In the basement are placed the janitor's apartments, cloak rooms with numerous lockers for use of students, the Lavatory, etc., recently furnished with the most modern sanitary fittings.

#### Lecture Rooms.

In the buildings now occupied by the Faculty, as will be seen by reference to the diagrams, in addition to the laboratories, dissecting room, etc., there are three large lecture rooms, two capable of comfortably seating about 300 students, and one for general lectures, sessional examinations, etc., capable of seating 450 students. These theatres are well ventilated and lighted by electricity, as indeed is the entire building. The seats are numbered, and a lecture room ticket securing a seat for the session is given each student on enregistering and paying the sessional fee.

#### Rooms for Students Use.

Three cloak rooms are provided in convenient portions of the building, and, in addition, commodious lockers can be procured at a nominal rental. A large well-lighted reading-room containing newspapers, magazines and the current medical journals is provided in the new block, and is managed by the students themselves. The original library has been refitted as a reading-room for students desiring to avail themselves of the reference works in the library of the Faculty.

#### Dissecting Room.

The Dissecting Room, which is situated on the second floor, is L-shaped, one arm of which is 76 feet in length and 31 feet in breadth and the other arm 45 by 32. It is supplied with thirty dissecting tables and over 200 specially constructed lockers, and is well lighted for work during the day and night.

In connection with the dissecting-room there is a Bone room and Anatomical Museum where students have an excellent opportunity of studying osteology, frozen sections, anatomical models and dry preparations. In connection with the bone room is a small but well arranged museum of comparative osteology. There are also rooms for the demonstrators of anatomy.

## Physiological Laboratories.

The Physiological Laboratories, which are situated on the upper floor of the new building, are supplied with the most modern apparatus for the practical teaching of this rapidly growing and important branch of the medical curriculum. They consist of one large room forty-five by thirty-five feet for undergraduate work, and two smaller ones for more advanced work and private research. In addition there is a room set apart for a consulting library and for the special use of the Professor of this department. The Students' laboratory is arranged in such a way as to permit of students assisting at and taking part in the more elaborate demonstrations, as well as undertaking experiments independently for themselves.

A recent grant from the Faculty, which was supplemented from private sources, has allowed of the partial equipment of an additional branch of the subject which it is the intention to extend, as well as to augment the resources of other departments of practical physiology in the immediate future.

## Histological Laboratories.

The Histological Laboratory proper is a large, well-lighted room on the second floor of the new building. It is so arranged that over eighty students can be present at the microscopical demonstrations. It is supplied with 50 microscopes. Students are given special facilities for studying and making themselves thoroughly acquainted with the specimens that are the subjects of demonstration. In addition to the students' laboratory there is a smaller laboratory adjoining for the use of the professor and demonstrators and for special work.

#### Pharmacological Laboratory.

The Pharmacological Laboratory is a large room 45 by 35 feet, situated on the second floor of the new building, and is now furnished with the necessary appliances for the practical teaching of pharmacology. In this room is placed a teaching museum of drugs and pharmaceutical preparations arranged according to their physiological action; and tables arranged for teaching dispensing and the preparation of medicines.

## Chemical Laboratory.

The Chemical Laboratory is large, lofty, and lighted from three sides. It can accommodate 124 men, but only a much smaller number is allowed to work at one time. Each student, when entering on this course, has a numbered table in the laboratory assigned to him for his use during the session. Each table has its own gas and water fixtures, and is provided with shelves for its corresponding set of reagent-bottles, as well as a drawer and locker containing set of chemical apparatus especially adapted for the work. This apparatus is provided by the Faculty, and supplied to each student without extra charge. The student is only required to pay for apparatus broken or destroyed.

The laboratory is ventilated by an electric fan, and fully equipped for the various courses of study, giving the student unsurpassed advantages for acquiring a sound and practical knowledge of medical chemistry.

#### Pathological Laboratories

A building of three stories, 47 by 40 feet, adjoining the College, recently acquired by the Faculty, thanks to the generosity of the late Mr. J. H. R. Molson, constitutes the Pathological Laboratory; it has undergone extensive alterations to fit it for the purpose. The uppermost floor has been converted into a work-room for the osteologist and curator; the second floor is one large laboratory for classwork in Practical Pathology and Bacteriology; upon the floor beneath are two laboratories for research, a preparation room, professor's private room and library, and culture rooms; while upon the ground floor are rooms for the attendant, for storage and for keeping animals.

Endowments.

The first endowments of the Faculty were the "Leanchoil" and "Campbell Memorial" funds. The former was a gift of Lord Strathcona; the latter subscribed by the citizens of Montreal and graduates of Medicine of the University. A portion of these funds was expended in increasing the laboratory and lecture room accommodation in 1885, the interest on the balance being applied to general maintenance.

In 1893 Lord Strathcona endowed the Chairs of Pathology and Public Health with \$100,000. This gift enabled the Faculty to equip and develop these departments until they are quite up to the requirements of modern medical science.

Various other endowments, such as the Drake Endowment of Physiology and the bequests of the late Mrs. Mary Dow, Mrs. John MacDougall and Miss Jane Learmont, have enabled the Faculty to maintain a high standard of laboratory teaching without proportionately increasing the cost of the course to the student.

This year the Faculty has great pleasure in announcing that Lord Strathcona has again come to its aid. He has promised in the names of Lady Strathcona and the Honorable Mrs. Howard one hundred thousand dollars, to be used partially to meet the cost of extending the Laboratories, Library and Museum, and partially as a fund, the interest on which is to be

applied to replace the loss of the graduation fees, formerly used to support the Medical Library and Museum, but which are now required by the Governors for general university expenses outside the Faculty of Medicine.

The thanks of the Faculty are also due to Mr. David Morrice, who has recently come forward with a donation of upwards of three thousand dollars to meet the cost of increasing the equipment of the Laboratory of Pharmacology.

I.

## MATRICULATION.

I. REGULATIONS OF THE FACULTY OF MEDICINE OF McGill University.

Every student before he can be enregistered as an undergraduate in Medicine, must present a certificate of having passed the Matriculation Examination of the Faculty of Medicine or Arts of this University, or of having passed some State or University examination accepted by this University.

Graduates in Arts of any recognized university and those who have passed the Entrance Examination of a Provincial Medical Council and thus become enregistered students in medicine of a province in Canada, are exempt from further preliminary examination.

Students from the United States who have passed a State or University examination fully equivalent to that required by this University may at the discretion of the Faculty be admitted to study without further examination.

The Matriculation Examination of this University for Medicine is held twice each year, in June and September, at the same time as that for Arts and Science. (See Faculty almanac at beginning of this calendar.) The fee for this examination is five dollars, payable on application to the Secretary of the University, W. Vaughan.

Papers for the spring examinations will be sent to local centres on application to the Acting Secretary. An additional fee of four dollars, to meet local expenses, will be charged for such examination.

The September examinations are held just before the lectures in Medicine begin. These are held in McGill College, Montreal, only, and at these examinations alternative books in Classics will be accepted.

The subjects for examination are Classics, Mathematics and English, and one of the optional subjects as below.

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Examinations begin on June 12th, 1899, in McGill College and local centres; and on September 14th, 1899, in McGill College only.

COMPULSORY SUBJECTS.

Latin.—Cæsar, Bell. Gall. Books I. and II.; Virgil, Aeneid, Book I., and Latin Grammar.

In both Greek (when taken as an optional subject) and Latin, translation at sight and prose composition (sentences or easy narrative, based upon the prescribed prose text) will be required.

At the September examination, other works in Greek or Latin equivalent to those specified may be accepted if application be made to the Secretary of the Examining board at least a fortnight before the day of examination.

Mathematics.—Arithmatic, Elementary rules, Vulgar and Decimal Fractions, Proportion, Percentage, Simple Interest, etc., Square Root and a knowledge of the Metric System. Algebra. Elementary rules, Fractions, Factors, Equation of the First Degree, Indices, Surds and easy Quadratics; Problems leading to equations. Geometry. Euclid's Elements, Books I., II., III., with easy deductions.

English.—Writing from Dictation. Grammar.—A paper on English grammar, including Analysis. The candidate will be expected to show a good knowledge of Accidence, as treated in any grammar prepared for the higher forms of schools. A similar statement applies to grammatical Analysis. Candidates are required to state the class to which any subordinate sentence belongs and to arrange and define the various members of all sentences set. Failure in Analysis and Parsing will cause the rejection of the paper. West's Elements of English Grammar is recommended as a text-book, and attention is particularly directed to pages 197-216. English History.—Candidates will be required to give the chief details of leading events. While any text-book written for the upper forms of schools may be used in preparation for the examination,

Gardiner's Outline of English History (Longmans) is recommended. Composition.—Candidates will write a short essay on a subject given at the time of the examination. Literature.—Scott's Lady of the Lake, ed. Stuart (Macmillan). Shakspere's Richard II., ed. Deighton (Macmillan), or Wordsworth (Arnold's Selections as specified in Junior Matriculation English [1899] of the University of Toronto).

OPTIONAL SUBJECTS.

(One only of these subjects is required.)

1. French.—Grammar up to the beginning of Syntax. An easy translation from French into English, and from English into French; Dictation or similar exercise. Candidates are expected to be able to write French without gross mistakes in spelling or grammar; special credit will be given for evidence of familiarity with the spoken language.

Physics.—Properties of Matter; Elementary Mechanics of Solids and Fluids, including the Laws of Motion, Simple Machines, Work, Energy; Fluid Pressure and Specific Gravity; Thermometry, the effects and modes of transmission of Heat. (See, for instance, Gage's Introduction to Physical Science, ch. I-V.)

German.—The whole of Joynes' German Reader and Baumbach's Schwiegersohn (Heath & Co.), (or texts approximately equal in amount), together with a thorough knowledge of German accidence. Candidates must also be able to translate into German with tolerable correctness exercises approximately equal in d'fficulty to those contained in the first part of Vandersmissen's High School German Grammar or in the First and Second Parts of the Joynes-Meissner German Grammar (Heath & Co.).

Candidates who fail in one or more subjects at the June examination, or who have taken part only of the examination

and present themselves again in the following September, will be exempted from examination in those subjects only in which the Examiners may have reported them as specially qualified.

Ontario Candidates.— At the June examination, as well as the September one, candidates from Ontario may present an equivalent amount from the books prescribed for the Junior Matriculation Examination of the University of Toronto.

The Junior Leaving Examination accepted by the Universities of Ontario is acepted by the Faculty of Arts for those who purpose taking the double course of Arts and Medicine, in so far as the subjects of their programme satisfy the Examiners of the Faculty, *i.e.*, when the subjects taken are the same as, or equivalent to, those required in McGill University.

A. Matriculation Examination for those who wish to obtain a license to practice in England, India, or any other British Possession (Canada excepted).

The Matriculation Examination in Medicine of this University, as described above, is accepted by the General Medical Council of Great Britain and Ireland. Graduates of this University desiring to enregister in England are thus exempted from any examination in preliminary education on production of the McGill Matriculation certificate, together with a certificate that all the subjects of this Examination were passed at one time. Certificates of this University for attendance on lectures are also accepted by the General Medical Council.

B. Matriculation Examination for those who wish to obtain a license to practice in the Province of Quebec.

No University Matriculation Examination is accepted by the College of Physicians and Surgeons of this Province. Graduates in Arts of any British or Canadian University are however exempted from examination on presentation of their Diplomas. Those who pass the Preliminary Examination described below, or Graduates in Arts who enregister as students in the C. P. & S., Quebec, on beginning their studies in Medicine, obtain on graduating from McGill University a license to Practice in Quebec without further examination in any professional subject.

The requirements for this examination:

- LATIN.—Cæsar's Commentaries, Bks. I., II., IV. and V.—Virgil's Aeneid, Bks. I. and II.—The Odes of Horace, Bk. I., with a sound knowledge of the Grammar of the Language.
- English.—For English-speaking candidates.—A critical know-ledge of one of Shakspere's plays, viz., Twelfth Night, for 1898, with English Grammar, as in Dr. Smith or Mason.

For French-speaking candidates.—Translation into French of passages from the first eight Books of Washington Irving's Life of Columbus, with questions of Grammar. Translation into English of extracts from Fénélon's Télémaque.

French.—For French-speaking candidates.—A critical knowedge of Molière's Le Bourgeois Gentilhomme, Fénélon's Aventures de Télémaque and La Fontaine's Fables, Bks. I., II., with questions of Grammar and Analysis.

For English-speaking candidates.—Translation into English of passages from Fénélon's Télémaque, with questions of Grammar. Translations into French of easy English extracts.

Belles Lettres and Rhetoric.—Principles of the subject as in Haven's Rhetoric, or Boyd's Rhetoric and Literary Criticism. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, and of the 17th and 18th centuries of England and France.

- HISTORY.—Outlines of the History of Greece and Rome, and particular knowledge of the History of Britain, France and Canada.
- Geography.—A general view, with particular knowledge of Britain, France and North America.
- ARITHMETIC.—Must include Vulgar and Decimal Fractions,
  Simple and Compound Proportion, Interest and
  Percentages, and Square Root.
- Algebra.—Must include Fractions and Simultaneous Equations of the First Degree.
- GEOMETRY.—Euclid, Bks. I., II., III. and VI., or the portion of plane Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes of regular geometrical figures.
- CHEMISTRY.—Outlines of the subject as in Remsen's Elements of Chemistry.
- BOTANY.—Outlines as in Gray's "How plants grow."
- Physics.—Outlines as in Peck-Ganot's Physics.
- Philosophy.—Elements of Logic as in Jevon's Logic; Elements of Philosophy, as in Professor Murray's Hand-Book.

The Examinations will be held in September, 1898, at Quebec, and in June, 1899, at Montreal. (See almanac at front of this calendar for exact date of examinations). Applications to be made to Dr. A. T. Brosseau, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks required to pass in each subject.

Examination Fee, twenty dollars. Should the candidate be unsuccessful, one half of the fee will be returned.

Of the four years' study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College or Incorporated School of Medicine recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the fourth year.

# C. To obtain a license to Practice in Ontario.

Every one desirous of being registered as a matriculated medical student in the register of the College of Physicians and Surgeons of this Province, except as hereinafter provided, must present to the Registrar the official certificate of having passed the "Departmental Pass Arts Matriculation Examination," and in addition Physics and Chemistry—whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts, in any University in Her Majesty's dominions, are not required to pass this examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications, and

upon paying the fee of twenty dollars.

A certificate from the Registrar of any chartered University conducting a full Arts course in Canada, that the holder thereof matriculated prior to his enrolment in such University, and passed the examination in Arts prescribed for students at the end of the first year, shall entitle such student to registration as medical student under *The Ontario Medical Act*.

Every medical student, after matriculating, shall be registered in the manner prescribed by the Council, and this shall be held to be the beginning of his medical studies, which shall date from that registration.

Full details may be obtained by application to Dr. R. A. Pyne, Registrar, Cor. Bay and Richmond Sts., Toronto.

# D. To Practice in the Maritime Provinces.

The examination required by the Faculty of Medicine of this University is accepted in the provinces of Nova Scotia, New Brunswick, Prince Edward Island and Newfoundland, subject to the following conditions:

The Nova Scotia Medical Board requires that 60 per cent. of the required marks be taken, and that Physics be taken as

the optional subject.

The New Brunswick Medical Board accepts the McGill Matriculation, as it is the same as that required for entrance to the Faculty of Arts.

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The Prince Edward Island Medical Board has requirements identical with those of New Brunswick.

The Newfoundland Medical Board accepts the McGill Matriculation, as it is identical with the Arts Matriculation, but requires Physics in addition.

Students desiring ultimately to practice in any of these provinces should, when enregistered in the Faculty of Medicine, notify the Registrar of that province of the fact, and have their matriculation enregistered.

The Registrars are: for Nova Scotia, Dr. A. H. W. Lindsay, Halifax; for Newfoundland, Dr. J. Sinclair Tait, St John's; and for New Brunswick, Dr. G. H. Coburn, Fredericton, who will furnish all details of requirements, etc.

Special matriculation examinations are held annually in New Brunswick and Nova Scotia, at dates stated in the Almanac, at the beginning of this Calendar.

These examinations, as stated above, are accepted by this University as equivalent to its Matriculation Examination.

### E. To obtain license to Practice in Manitoba.

An examination accepted by the University of Manitoba as equivalent to their matriculation is required on entrance, and to obtain License an examination in Professional subjects is required. Dr. J. S. Gray, of Winnipeg, Manitoba, is the Provincial Registrar.

### F. To obtain license to Practice in North-West Territories.

No special matriculation standard is specified. Licensed practitioners of any of the other provinces are admitted to practice without examination.

Those not licensed to practice elsewhere in Canada are examined in professional subjects only. Dr. H. W. Bain, of Prince Albert, is Registrar of the Province.

## G. To Practice in British Columbia.

No special standard of matriculation is specified.

All desiring a license must be graduates of some recognized medical school, and pass an examination in professional subjects only. Dr. C. J. Fagan, of New Westminster, is the Provincial Registrar.

#### II.

# ENREGISTRATION.

The following are the University Regulations:-

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty.

The said Register shall be closed on the 22nd of October

next, for the Session of 1899-1900.

Fees are payable to the Registrar, and must be paid in advance at the time of enregistration.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery" in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec, provided the graduate from this university matriculated before the College of Physicians and Surgeons of Quebec when entering on the study of medicine. Any graduate therefore in medicine of this University may obtain a license to practice in the Province of Quebec without further examination if he has complied with the above regulations.

### TIME TABLE FOR SESSION 1898-99.

Time Tables for the Session of 1899-00 will be issued to each student with his Lecture Room ticket on enregistration.

TIME TABLE OF FIRST YEAR LECTURES.

LECTURES.	Mon.	Tues.	W.ed.	Thur.	Fri.	Sat.	Lecture Theatre.	
Anatomy	9	9	9	9	9	{	Autumn &Winter Terms-No I.	
Physiology	4	4		4			No. I.	
(		3		3	3	{	Autumn Term No.	
Chemistry			2		2	{	Winter and Spring Terms-No. III	
Zoology Botany		11		11		10 {	Autumn & Winter Terms.	
Botany		4		4			Autumn Term.	
Laboratory Work.								
Practical Anatomy	10-121	10-121	10-121	10-121	10-121	9-121		
*Prac. Physiology			3-5					
*Prac. Histology	2-4				4-6	10-12		
*Prac. Chemistry.	9-11	9-11	9-11	9-11			Autumn Term.	
*Prac. Beology	3-5		3–5				Autumn Term.	
	1				3 10 3 40 7			

\*Class taken in division.

#### TIME TABLE OF SECOND YEAR LECTURES.

TIME TRADE OF OBSOINE, There are the								
LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.	
Anatomy	9	9	9	9	9	{	Autumn & Winter Terms -No. I.	
Physiology	2		2		2		No. I.	
Chemistry	3		3		3		A STATE OF THE PARTY OF THE PAR	
Pharmacology and Therapeutics	4		4		4		No. I.	
LABORATORY							MAY STATE OF	
WORK.	10	10	10	10	10	10		
Auatomy	12.30	12.30	12.30	12.30	12.30	12.30 {	Autumn & Winter Terms.	
†Prac. Chemistry	9-11	9-11	9-11	9-11	9-11	9-11	Spring Terms	
†Prac. Physiology.		2-4		2-4				

tHalf the class only.

NOTE—Students of the second year when not engaged in the laboratories are required to attend the Out Patients' Clinics (only) of M. G. H. or R. V. H. (11 a,m. to 1 p.m..); attendance to average two hours per week. Certificates required for graduation.

### TIME TABLE OF THIRD YEAR LECTURES.

LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
Gynæcology	9			9			п
and Obstetrics	9	4.		1-50000			
Medicine		10	*11-12	10			III
Surgery	10		*12-1	*****	-10		III
Jurisprudence )	11			11			II
and Mental Diseases.	11			11			
Pharmacology )							
and		11			11		III
Therapeutics							
Gen. Pathology and Bacteriology.	5		9				III
Hygiene		9			9		III
Morbid Anatomy						*9-11	
Clinical }		1 p.m.		2 p.m			
Medicine		MGH		RVH			
Clinical Surgery	RVH				MGA		
Practical Pathology				4-6	4-6		Path. Lab. Winter.
tClinical and	1		The same				A STATE OF STREET
Sanitary }		4-6	4-6	4-6	4-6		Chem. Lib. Autumn
Chemistry)		Page 1				195.00	
Bacteriology and Hygiene		4-6	4-6	4-6	4-6		Path. Lab. Autumn
†+Clinical Microscopy	la la	4-6	4-6	4-9	4-6		Path, Lab. Spring
t+Operative Surgery			4-6	4-6	4-6		Anat. Lab. Spring

\*Alternate weeks M.G.H. and R.V.H. †Optional, †Classes taken in groups.

## TIME TABLE OF FOURTH YEAR LECTURES.

LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
Gynæcology			9		 11		II
Obstetrics		10		10	11		III
Surgery	10		112-1		10		III
Med. & Surg. Pathology				9			III
Ophthalmology	9	44.40	W. W.		44 10		H
*Out Patients' Clinics		11-12	11-12	11-12	11-12	11-12	R.V.H. M.G.H.
Clinical	12-1	12-1	12-1	12-1	2		R.V.H.
Medicine	1						M.G.H.
Clinical		1 1					M.G.H.
Surgery				2			R.V.H.
Operations		11					R.V.H.
*Clinical	4		4				M.G.H.
Ophthalmology					4		R.V.H.
†Gynæcological Clinics	ii	4		4 4			M.G.H. R.V.H.
Morbid Anatomy.		1				19-11	10, 7.11.
Clinical		1000	1		1	1-2.30	Mater-
Obstetrics		0.00		1		1-2.00	nity Hosp.
*Dermatological Clinic Genito-Urina y Clinic			. 2			3	M.G.H. R.V.H.
*Diseases of Chil-						0	
dren Clinic		. 4			4		M.G.H.
*Laryngology				1	4		M.G.H.
Medical and Surgical Anatomy	5						Autumn term.
Children's Diseases		1			1000		Winter term.
	Land	1	1		1	1	The sound

<sup>\*</sup>In groups of eight or ten. †In groups of four. ‡Alternate weeks M.G.H. and R.V.H.

### COURSES OF LECTURES.

The Corporation of the University, on the recommendation of the Faculty of Medicine, in 1894, consented to the extension of the courses of lectures in medicine over a period of about nine months instead of six.

By this means, (1) The students of the primary years have a more ample opportunity of becoming acquainted, by laboratory work, with those branches of study which form the scientific basis of their profession, and (2) the final students will be able to derive the greatest benefit from the abundance of clinical material provided in the two Hospitals.

By this arrangement, while the actual number of didactic lectures per session will be decreased, there will be a corresponding increase in the amount of tutorial work and individual teaching in the laboratories for Chemistry, Physiology, Anatomy, Pathology and Hygiene as well as giving more time, during the last two years of the course, for the thorough study of disease in the wards of the Royal Victoria and Montreal General Hospitals.

The Faculty expects, by thus increasing the time that the different professors, lecturers and demonstrators devote to each student, to accomplish two very important ends: First, to do away with the injurious effects which result from attempting to condense the teaching of medicine and surgery into four or even five sessions of six months; Second, to give each student a sounder and more thoroughly practical knowledge of his profession than could be obtained by attending during even five sessions of six months each.

### ANATOMY.

PROFESSOR, FRANCIS J. SHEPHERD.

LECTURERS,

{ J. M. ELDER. J. A. SPRINGLE.

SENIOR DEMONSTRATOR, J. G. McCARTHY.

DEMONSTRATORS,

R. TAIT MACKENZIE.
J. A. HENDERSON.
J. J. ROSS.
A. E. ORR.

A. T. BAZIN. H. M. CHURCH.

ASSISTANT DEMONSTRATORS,

W. G. REILLY. R. A. WESTLEY.

Anatomy is taught in the most practical manner possible, and its relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

A course of practical demonstrations in Medical, Surgical and Topographical Anatomy is also given in the final year of the course.

The department of *Practical Anatomy* is under the direct control and personal supervision of the Professor of Anatomy, assisted by his staff of Demonstrators.

The methods of teaching are similar to those of the best European schools, and Students are thoroughly grounded in this branch.

Every Student must be examined at least three times on each part dissected, and no certificate is given unless the examinations are satisfactory.

Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Prizes are awarded at the end of the Session for the best examination on the fresh subject.

The Dissecting Room is open from 8 a.m. to 6 p.m. Abundance of material can be obtained, owing to the Anatomy Act of the Province of Quebec.

#### CHEMISTRY.

PROFESSOR, GILBERT P. GIRDWOOD.

The course in this subject is carefully graded. Students of the first year receive lectures on Chemical and Physiological Physics and the general principles and theories of the science. In the second year the course on chemistry is extended to embrace its application to physiology and medicine, and includes a course in Organic Chemistry. The lectures are fully illustrated by experiments, for which the department is equipped with all modern Lecture-room apparatus.

### PRACTICAL CHEMISTRY.

PROFESSOR, R. F. RUTTAN.
DEMONSTRATOR, C. G. L. WOLF.
LABORATORY ASSISTANT, CHARLES STEVENSON.

Laboratory instruction in practical chemistry is given during each of the first three years of study throughout one term.

The first year's course illustrates the general principles of chemical action and the properties of typical elements. During the second year the course will include methods of qualitative analysis and the detection of poisons. In the third year a course of clinical and sanitary chemistry is given, in which the student is made familiar with the application of chemistry to the diagnosis and prevention of disease. Special atention is directed to instructing the student in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticised.

#### PHYSIOLOGY.

The JOSEPH MORLEY DRAKE, PROFESSOR.—WESLEY MILLS.
LECTURER, W. S. MORROW.
DEMONSTRATORS, J. W. SCANE and A. A. ROBERTSON:

The purpose of this Course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology; its methods, its deductions, and the basis on which the latter rest. Accordingly a full course of lectures is given, in which

the physical, the chemical and other aspects of the subject receive attention.

In addition to the use of diagrams, plates, models, etc., every department of the subject is experimentally illustrated. The experiments are mostly free from elaborate technique, and many of them are of a kind susceptible of ready imitation by the Student.

## Laboratory work for Senior Students:-

- (1.) During a part of the Session there will be a course on Physiological Chemistry, in which the Student will, under direction, investigate food stuffs, digestive action, blood, and the more important secretions and excretions including urine. All the apparatus and material for this course will be provided.
- (2.) The remainder of the Session will be devoted to the performance of experiments which are unsuitable for demonstration to a large class in the lecture room, or that require the use of elaborate methods, apparatus, etc., together with such as each individual of the class can himself conduct.

# Laboratory work for Junior Students:—

This will be somewhat similar to the course for senior students, but simpler and anatomico-physiological rather than chemical; like the work for second year students, its main object will be the illustration of important physiological principles.

### HISTOLOGY.

PROFESSOR, GEO. WILKINS. DEMONSTRATOR, N. D. GUNN.

The teaching of Histology and Microscopical methods is spread over two years.

During the latter half of the first year a course of demonstrations is given upon elementary Histology and systematic Histology up to and including the digestive system. During the second year fifteen or twenty demonstrations will be given upon the whole of Histology. The practical instruction



upon the preparation and mounting of specimens is given during the first year. Examinations both practical and written will be held at the end of both first and second years.

### PHARMACOLOGY AND THERAPEUTICS.

PROFESSOR, A. D. BLACKADER.
DEMONSTRATOR, R. A. KERRY.

The lectures on this subject are graded in the following manner:

During the primary course attention is directed chiefly to Pharmacology, including the important chemical and physical properties of the various drugs, and a brief consideration of their physiological action; therapeutics is considered only in outline. A complete museum of Materia Medica affords the student opportunity for making himself acquainted with the drugs themselves. During the session a course of demonstrations on Practical Materia Medica and Pharmacy is given.

During the final course the physiological action of drugs is dwelt upon at length, and attention is given to the therapeutic application of all drugs and remedial measures. Prescription writing and the various modes of administering drugs are explained and illustrated. During the course a series of lectures will be delivered in the theatres of the hospitals on special cases or groups of cases, illustrating important points in both general and special Therapeutics.

#### MEDICINE.

PROFESSOR, JAMES STEWART.

ASSISTANT PROFESSORS, | F. G. FINLEY | H. A. LAFLEUR. | C. F. MARTIN.

LECTURERS, { G. GORDON CAMPBELL. W. F. HAMILTON.

DEMONSTRATOR, S. RIDLEY MACKENZIE.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the general laws of disease.

With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to women and children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Professor of Pathology.

The College possesses an extensive series of Anatomical plates and models illustrative of the Histological and Anatomical appearances of disease, and the wards of the General and Royal Victoria Hospitals afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to demonstrate the results of treatment.

#### CLINICAL MEDICINE.

PROFESSOR, JAMES STEWART.

ASSOCIATE PROFESSORS, F. G. FINLEY and H. A. LAFLEUR.

ASSISTANT PROFESSOR, C. F. MARTIN.

The instruction in Clinical Medicine is conducted in the theatres, wards, out-patient rooms and laboratories of the Royal Victoria and Montreal General Hospitals.

The courses include:-

I. The reporting of cases by every member of the Graduating Class, a certain number of beds being assigned to each student.

II. Bedside instruction for members of the Graduating Class.

III. Two Clinics weekly in each hospital.

IV. Tutorial instruction for the Junior Classes, in the wards and out-patient rooms of both hospitals.

V. Instruction in Clinical Chemistry and Bacteriology.

#### SURGERY.

PROFESSOR, THOMAS G. RODDICK. LECTURER, A. E. GARROW.

This course consists of the Principles and Practice of Surgery and Surgical Pathology, illustrated by a large collection of preparations from the Museum, as well as by specimens

obtained from cases under observation at the Hospitals. The greater part of the course however is devoted to the Practice of Surgery, in which attention is constantly drawn to cases which have been observed by the class during the session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form special departments of this course.

### CLINICAL SURGERY.

PROFESSOR, JAMES BELL.
ASSOCIATE PROFESSOR, GEORGE E. ARMSTRONG.
LECTURER, A. E. GARROW.

DEMONSTRATORS,

| KENNETH CAMERON.
| J. M. ELDER.
| J. ALEX. HUTCHISON.

The teaching in Clinical Surgery is conducted at the Montreal General and Royal Victoria Hospitals.

I. In the amphitheatre of each of these Hospitals, demonstrations are given and operations are performed before the senior and junior classes on alternate days.

II. Small ward classes of about 10 men in each are taken through the wards by the surgeon in attendance, and instruction given at the bedside concerning the nature and management of surgical cases, in each hospital, at least once per week.

III. Beds are assigned to students in rotation, and each student is required to carefully study and report cases and to assist in the surgical dressing of the same. Certificates of case reporting are given, and are essential for graduation.

IV. In the Out-patient Department students have an exceptionally good opportunity to study a great variety of injuries, to witness operations in minor surgery, to come into personal contact with patients and to take part in the application of a variety of surgical dressings and appliances.

# OBSTETRICS AND DISEASES OF INFANTS.

PROFESSOR, J. CHALMERS CAMERON.

DEMONSTRATOR, D. J. EVANS.

ASSISTANT DEMONSTRATORS, T. P. SHAW.

JAMES BARCLAY.

This course will embrace: I. Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, complete sets of models illustrating deformities of the pelvis, wax preparations, bronze mechanical pelvis, &c. 2. Bedside instruction in the Montreal Maternity, including external palpation, pelvimetry, the management and after-treatment of cases. 3. A complete course on obstetric operations with the phantom and preserved feetuses. 4. The diseases of infancy.

5. A course of individual clinical instruction at the Mont-real Maternity.

Arrangements have now been made for a graded course in Obstetrics, instruction being given separately to third year and final students.

Particular attention is given to Clinical instruction, and a Clinical examination in Midwifery similar to that held in Medicine and Surgery now forms part of the final examination.

A short course of lectures on diseases of infancy is given, supplemented by Clinical demonstration and ward work.

### GYNÆCOLOGY.

PROFESSOR, WM. GARDNER. LECTURER, F. A. M. LOCKHART.

The didactic course is graded, and consists of from forty to forty-five lectures given at intervals alternating with the lectures on Obstetrics and extending throughout the session. The anatomy and physiology of the organs and parts concerned is first discussed. Then the various methods of examination are fully described, the necessary instruments exhibited, and their uses explained.

The diseases peculiar to women are considered as fully as time permits, somewhat in the following order:—Disorders

of Menstruation; Leucorrhœa; Diseases of the External Genital Organs; Inflammations, Lacerations and Displacements of the Uterus; Pelvic Cellulitis and Peritonitis and Inflammations of the Ovaries and Fallopian Tubes; Benigm and Malignant growths of the Uterus; Tumours of the Ovary; Diseases of the Bladder and Urethra. The lectures are illustrated as fully as possible by drawings and morbid specimens.

Clinical teaching, including out-patient and bed-side instruction, is given at both Royal Victoria and Montreal General hospitals by Professor Gardner and Doctors Lockhart and Webster. A large amount of Clinical material is thus available for practical instruction in this department of medicine. Numerous operations are done before the class, and made the subject of remarks. In addition to the ward-patients, each hospital conducts a large out-patient Gynæcological Clinic, to which advanced students are admitted in rotation and instructed in digital and bi-manual examination and in the use of instruments for diagnosis.

Particular attention is thus given to Clinical instruction, and a Clinical examination in Gynæcology similar to that held in Medicine and Surgery now forms part of the final examination.

### MEDICAL JURISPRUDENCE.

PROFESSOR, GEO. WILKINS.

LECTURER ON MEDICO-LEGAL PATHOLOGY, WYATT JOHNSTON.

This course includes Insanity, the subject being treated of in its Medical as well as Medico-Legal aspects. Special attention is devoted to the subject of blood stains, the clinical microscopic and spectroscopic tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shown by the Microspectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action

of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, postmortem appearances and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the class. A series of demonstrations and Clinics will be given by Prof. Johnston on the Medico-Legal cases arising out of the coroner's court, as well at those in the Montreal General Hospital. In this way Students will have practical clinical instruction in methods of Medico-Legal investigation in civil as well as in criminal cases.

# OPHTHALMOLOGY AND OTOLOGY.

PROFESSOR, F. BULLER. LECTURER, J. J. GARDNER.

This will include a course of twenty-five lectures on diseases of the Eye and Ear, both didactic and clinical. In the former, the general principles of diagnosis and treatment will be dealt with, including three lectures on the errors of refraction and faults of accommodation. At the clinical lectures given in the Hospitals cases illustrative of the typical forms of ordinary diseases of the Eye and Ear will be exhibited and explained to the class. In the out-patients' department of each Hospital students have excellent opportunities of gaining clinical experience.

### BIOLOGY.

D. P. PENHALLOW, PROFESSOR BOTANY. E. W. MACBRIDE, "ZOOLOGY.

This course will be given during the Autumn term of the first session; it will be largely practical, and will consist of Zoology and Botany. Zoology, the first eight weeks; Botany, the last four weeks.

# A.—Animal Biology.

The Course in Animal Biology will discuss the fundamental properties of protoplasm; the principles of the formation of

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tissues; the formation of organs; an outline of vertebrate structure and function, as exemplified by Paramecium and Vorticella, Hydra, Lumbricus and the Dog-fish.

Two lectures and one laboratory period each week.

### B.—Plant Biology.

The Course in Plant Biology will deal chiefly with the general properties of cytoplasm; the structure and nature of the plant cell; movement; nutrition; respiration; fixation of carbon; division of labor and origin of organs; evolution of plant forms. These principles will be illustrated in their more simple forms by a Myxomycete, Pleurococcus, Spirogyra and Oedogonium, Fucus, Anthoceros and Pteris.

Two lectures and one demonstration each week.

#### PATHOLOGY.

The SIR DONALD SMITH, PROFESSOR,—J. G. ADAMI.
DEMONSTRATOR, A. G. NICHOLS.
ASSISTANT DEMONSTRATORS, D. D. MACTAGGART,
D. P. ANDERSON.

The following courses constitute the teaching on this subject:—

- I. A course of General Pathology for Students of the Third Year (optional for those of the Fourth). Lectures are delivered twice weekly throughout the year.
- 2. A course of demonstrations in the performance of Autopsies for Students of the Third Year. The demonstrations are held once a week, from October until Christmas.
- 3. Demonstrations upon the Autopsies of the week for Students of the two Final Years. These are given during the session by Dr. Adami at the Royal Victoria Hospital, and by Dr. Wyatt Johnston at the General Hospital.

### Practical Courses.

4. The performance of autopsies. Each student is required to take an active part in at least six autopsies. The autopsies are conducted at the General and Royal Victoria Hospitals by the Pathologists of the Hospitals and their assistants. In addition to the actual performance of the sectio

cadaveris, students are expected to attend the practical instruction given in connection with each autopsy, in the method of preparation and microscopic examination of the removed tissues, so as to become proficient in methods of preparation,

staining and mounting.

5. A practical course in Morbid Histology for Students of the Third Year. This class is held once a week during the winter months. Six sections are as a rule distributed at each meeting of the class so that each student obtains a large and representative series of morbid tissues, and upon an average twenty minutes are devoted to the description and examina-Laboratory fee to cover cost of tion of each specimen. slides, reagents, microscope, etc., \$5.

6. A course of demonstrations upon Morbid Anatomy (Museum specimens) once weekly during the winter months,

for students of the Fourth Year.

In addition to the above the staff of the department give instruction to the more advanced students who desire to undertake any special work in the laboratories. Classes in clinical pathology and microscopy are given from time to time at the Pathological Laboratory and at the General and Royal Victoria Hospitals under the direction of the Professors of Clinical Medicine. In connection with this department, two researches and teaching fellowships have been established; one by the Faculty of Medicine, and one by the Governors. For particulars, see page

### DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE.

The SIR DONALD SMITH, PROFESSOR,-ROBT. CRAIK. SANITARY PHYSICS | PROF. ROBT. CRAIK.

AND CHEMISTRY.

PROF. R. F. RUTTAN.

BACTERIOLOGY AND PREVENTIVE MEDICINE.

PROF. J. G. ADAMI. PROF. WYATT JOHNSTON. H. B. YATES. A. J. WILLIAMS.

The Department of Public Health and Preventive Medicine has, owing to its endowment by Sir Donald A. Smith, been made one of the most important subjects of the third year.

The instruction will consist of two lectures per week for the whole session. A systematic course in Bacteriology and Preventive Medicine, including Serum Therapy, will be followed by courses on the sanitary relations of water, soil, food and air, the use and relative value of desinfectants, domestic sanitation, including plumbing, heating, ventilation, the construction of habitations, etc., and will be illustrated by models and special apparatus. Lectures will also be given on personal hygiene, including bathing, exercise, etc., and on climate and health resorts. In addition to the course of systematic lectures, laboratory courses will be given in the Pathological and Chemical laboratories on Bacteriology, clinical and sanitary Chemistry. The laboratory work will extend over a period of three months, and will be given twice weekly.

A working museum and model room is equipped with working models and apparatus to illustrate the application of hygienic principles. Demonstrations will be given in the hygienic museum from time to time as required. (See Museums.)

## LARYNGOLOGY AND RHINOLOGY.

PROFESSOR, H. S. BIRKETT.
DEMONSTRATOR, H. D. HAMILTON.

This course will consist of practical lessons in the use of the Laryngoscope and Rhinoscope. The instruction will be carried on with small classes, so that individual attention may be insured. A limited number of clinical lectures bearing upon interesting cases attending the clinic will be delivered during the session. These lectures will be, however, of an eminently practical nature.

### MENTAL DISEASES.

PROFESSOR, T. J. W. BURGESS.

This course will comprise a series of lectures at the University on Insanity in its various forms, from a medical as well as from a medico-legal standpoint. The various types of mental diseases will be illustrated by cases in the Verdun Asylum, where clinical instruction will be given to groups of senior students at intervals throughout the session.

# DISEASES OF INFANTS AND CHILDREN.

PROFESSORS,  $\left\{ egin{array}{ll} A. \ D. \ BLACKADER. \\ A. \ D. \ CAMERON. \end{array} \right.$ 

Although this subject does not constitute a special chair in the University, systematic instruction is given (a) in connection with the chair of Obstetrics and Diseases of Infants, by Prof. Cameron; (b) by a course of lectures, clinical and didactic by Prof. Blackader, and (c) through the Children's Clinic at the Montreal General Hospital and at the Infants' Home.

#### IV.

## DOUBLE COURSES

By special arrangement with the Faculty of Arts, it is now possible for students to obtain the double degree of B.A., and M.D., C.M., after only six years of study.

It has been decided to allow the Primary subjects (Anatomy, Physiology and Chemistry) in medicine to count as Honor subjects of the third and fourth years in Arts. It follows then that at the end of four years study a student may obtain his B.A. degree and have two years of his medical course completed.

The remaining two years of study are devoted to the third and fourth year subjects in Medicine.

The special provisions for Medical Students in the Arts course are as follows:—

In the Third Year in Arts, they may, if following the full course of the First Year in Medicine, take Physiology and Histology with practical work therein, or Anatomy and Practical Anatomy, as two of the courses under the heading of Science in the Ordinary Course.

Medical Students who have completed the Third Year in Arts and First Year in Medicine are required in the Fourth Year in Arts to take two only of the subjects of the Ordinary Course (or one subject with the Additional Course therein). Medical Students are recommended to continue in the Third

and Fourth Years of the Arts Course subjects they have taken in the First and Second Years.

To secure these privileges, certificates of registration in the Medical Faculty must be presented at the beginning of each year to the Dean of the Faculty of Arts; and at the end of each session in the first two years certificates of attendance on lectures and of passing the corresponding examinations must also be presented. At the end of the Third and Fourth Years certificates must be presented to show that the full curriculum of the Medical Faculty for the year has been completed.

A certificate of Licentiate in Arts will be given along with the professional degree in Medicine to those who, previous to entrance upon their professional studies proper, have completed two years in the Faculty of Arts, and have duly passed

the prescribed examinations therein.

### GRADUATE AND ADVANCED COURSES

The Faculty of Medicine in 1896 established post-graduate and special courses in connection with the Montreal General and Royal Victoria Hospitals and the various laboratories in the University buildings. These courses will be continued in 1900.

There will be two distinct sets of courses, one a short practical and clinical course for medical men in general practice who desire to keep in touch with recent advances in Medicine, Surgery and Pathology, and who wish special clinical experience in Gynaecology, Ophthalmology, Laryngology, etc. This course will last about six weeks, beginning about the first of May.

A special detailed programme will be prepared, and will be sent on application in February next. The fee, including hospital fees for both Hospitals, is fifty dollars.

The other courses will be for those who have just completed their regular course in Medicine, and desire special Laboratory or Clinical teaching before beginning practice.

Arrangements have also been made to accommodate a lim-

ited number of such graduates who desire advanced and research work.

Commodious laboratories for advanced work have been equipped in connection with the Pathological and Clinical departments of both the Royal Victoria and Montreal General Hospitals, and in connection with the general laboratories for Pathology, Pharmacology, Physiology and Chemistry, recently altered and extended in the new buildings of the Faculty.

Recent graduates of recognized universities desiring to qualify for examinations by advanced laboratory courses, or who wish to engage in special research, may enter at any time by giving a month's notice, stating the courses desired and the time at their disposal.

All the regular clinics and demonstrations of both hospitals will be open to such students on the same conditions as undergraduates in medicine of this University.

These laboratories have been open for graduates since May 1st, 1896.

Further details regarding courses, fees, etc., may be obtained on application to the Registrar.

### THE GRADUATE COURSE OF 1899.

The Faculty of Medicine has just completed the fourth special course of instruction for general practitioners. This course began Tuesday, May 2nd, and closed June 10th, 1899.

The course consisted of:-

(A.)—LABORATORY COURSES—Systematic laboratory instruction was given from 9 to 10.30 every morning in Microscopical Methods, Clinical Microscopy and Clinical Bacteriology, including the histology of blood in disease and serum diagnosis. These courses were conducted by Profs. Adami and Wyatt Johnston, assisted by Drs. C. F. Martin, N. D. Gunn, Nichols, Anderson and Yates. A course of Operative Surgery on the cadaver was given by Prof. Armstrong from 5 to 6 p.m. during the second, third and fourth weeks of the course.

- (B.) LABORATORY AND SPECIAL DEMONSTRATIONS—These demonstrations were given daily from 10.30 to mid-day, and consisted of one or more of the following: Modern treatment of Diphtheria, Prof. Finley; Operative Midwifery, Prof. J. C. Cameron; Mental Diseases, Dr. Burgess; Medico-Legal Autopsy Methods, Prof. Wyatt Johnston; Clinical use of Roentgen Rays, Prof. Girdwood; Illustrations of the Graphic Method as applied to Physiology and Clinical Medicine, Prof. W. Mills; Anatomical demonstrationtions on the Cadaver, Drs. McCarthy and Tait MacKenzie; Surgical Anatomy, Drs. Elder and J. Henderson; Clinical Chemistry and Urinalysis, Prof. Ruttan; Morbid Anatomy of certain diseases, Prof. Adami; Infant feeding (Modified Milk, etc.,) Dr. Evans.
- (C.) MEDICAL AND SURGICAL CLINICS. For four days each week, during the first two hours of the afternoon, there were clinics on groups of cases in the wards of the Montreal General and Royal Victoria Hospitals. Those given in the Medical Wards of the Montreal General Hospital were given by Profs. Blackader and Lafleur; in the Surgical Wards, by Prof. Shepherd and Dr. Elder; in the Royal Victoria Hospital Medical Wards, by Prof. Stewart and Dr. C. F. Martin; in the Surgical Wards, by Prof. Bell and Dr. Garrow. In addition two or three ward classes were given weekly.
- (D.)—CLINICS IN SPECIAL DEPARTMENTS OF MEDICINE AND SURGERY—One or more of these clinics were given in the Hospitals each afternoon, after the regular Medical or Surgical Clinic, and during the entire afternoon on Wednesday and Saturday of each week. The following special Clinics were given: Ophthalmology in the Royal Victoria Hospital, by Prof. Buller; in the Montreal General Hospital, by Dr. J. Gardner; Dermatology, Prof. Shepherd; Genito-Urinary Surgery, Prof. Bell; Orthopedics, Dr. C. W. Wilson; Laryngology, Prof. Birkett and Dr. Hamilton; Gynaecology, Prof. Wm. Gardner and Dr. Webster in the Royal Victoria Hospital, and Dr. Lockhart in the Montreal Gen-

eral Hospital; Aseptic Midwifery (at the Montreal Maternity Hospital), Prof. J. C. Cameron; Diseases of Children, Prof. Blackader and Dr. G. G. Campbell.

The above course of instruction is given wholly apart from the regular lectures, clinics, etc., for undergraduates in medicine, and the Graduates may enter on the course at any time between May 1st and June 15th.

Practitioners who purpose attending this course may obtain programme of course for 1900 on application after March

next to the Registrar.

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### VI. QUALIFICATIONS FOR THE DEGREE.\*

1st. No one entering after September, 1894, will be admitted to the Degree of Doctor of Medicine and Master of Surgery who shall not have attended Lectures for a period of four nine months' sessions in this University, or some other University, College or School of Medicine, approved of by this University.

2nd. Students of other Universities so approved and admitted on production of certificate to a like standing in this University shall be required to pass all Examinations in Primary and Final Subjects in the same manner as Students of this University.

3rd. Graduates in Arts who have taken two full courses in General Chemistry, including Laboratory work, two courses in Biology, including the subjects of Botany, Embryology, Elementary Physiology and dissection of one or more types of Vertebrata, may, at the discretion of the Faculty, be admitted as second-year Students, such courses being accepted as equivalent to the first-year in Medicine. Students so entering will, however, not be allowed to present themselves for examination in Anatomy until they produce certificates of dissection for two sessions.

4th. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education. ‡ viz:

PRACTICAL ANATOMY.

PHYSIOLOGY. CHEMISTRY.

PHARMACOLOGY AND THERAPEUTICS.
PRINCIPLES AND PRACTICE OF SURGERY.
OBSTETRICS AND DISEASES OF INFANTS.
GYNÆCOLOGY.

THEORY AND PRACTICE OF MEDICINE. CLINICAL MEDICINE.

CLINICAL SURGERY.

MEDICAL JURISPRUDENCE. GENERAL PATHOLOGY.

GENERAL PATHOLOGY. HYGIENE AND PUBLIC HEALTH. PRACTICAL CHEMISTRY.

OPHTHALMOLOGY AND OTOLOGY.

BIOLOGY. HISTOLOGY.

PATHOLOGICAL ANATOMY.

BACTERIOLOGY. MENTAL DISEASES.

PEDIATRICS.

MEDICAL AND SURGICAL ANATOMY.

Of which Two full Courses will be required.

Of which One full Course will be required.

Of which One Course will be required.

<sup>\*</sup> It shalt be understood that the programme and regulations regarding courses of study and examinations contained in this calendar hold good for this calendar year only, and that the Faculty of Medicine, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole four years of a student's course, to the conditions now laid down.

<sup>†</sup> Students enregistered in the Province of Quebec are required to attend and pass examinations in Laryngology and Minor Surgery.

<sup>‡</sup> Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted.

He must also produce Certificates of having assisted at six Autopsies, of having dispensed Medicine for a period of three months, and of having assisted at twenty Vaccinations.

5th. Courses of less length than the above will only be

received for the time over which they have extended.

6th. No one will be permitted to become a Candidate for the degree who shall not have attended at least one full Session at

this University.

7th. The Candidates must give proof of having attended during at least twenty-four months the practice of the Montreal General Hospital or the Royal Victoria Hospital or of some other Hospital of not fewer than 100 beds, approved of by this University. Undergraduates are required to attend only the practice of the Out-Patient departments of the Hospitals during their second year.

8th. He must give proof of having acted as Clinical Clerk for six months in Medicine and six months in Surgery in the wards of a general hospital recognized by the Faculty, of having re-

ported at least 10 medical and 10 surgical cases.

9th. He must also give proof by ticket of having attended for at least nine months the practice of the Montreal Maternity or other lying-in-hospital approved of by the University, and of having attended at least six cases.

10th. Every candidate for the degree must, on or before the 15th day of May, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty an affirmation or affidavit that he has attained the age of twenty-one years.

11. The trials to be undergone by the Candidate shall be

in the subjects mentioned in Section 4.

12. The following oath of a firmation will be exacted from the Candidate before receiving his degree:

#### SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A.—B.—,Doctoratus in Arte Medica titulo jam donandus, saucto coram Deo cordium scrutatore, spondeo:—me in omnibus grati animi officils erga hanc Universitatem ad extrenum vitæ halitum perseveraturum; tum poro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem corducentia cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita praesens mihi spondenti adsit Numen.

13th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination.

#### VII.

### EXAMINATIONS.

Frequent oral examinations are held to test the progress of the Student, and occasional written examinations are given throughout the Session.

The Pass and Honor examinations at the close of each Session are arranged as follows:—

#### First Year.

Examinations in Botany or Zoology, Histology, Physiology, Anatomy, Chemistry Theoretical and Practical.

Students who have taken one or more university courses in Botany or Chemistry before entering may be exempted from attendance and examination. Students exempted in their first year subjects are allowed only a pass standing, but may present themselves for examination if they desire to attain an honor standing.

#### Second Year.

Examinations in Anatomy, Chemistry, Practical Chemistry, Physiology, Histology, Pharmacology and Therapeutics.

### Third Year.

Examinations in Pharmacology and Therapeutics, Medical Jurisprudence, Public Health and Preventive Medicine (including Bacteriology), General Pathology, Mental Diseases, Clinical Chemistry, Obstetrics, Medicine and Surgery.

#### Fourth Year.

Examinations in Medicine, Surgery, Obstetrics, Gynæcology, Ophthalmology, Clinical Medicine, Clinical Surgery, Clinical Obstetrics, Clinical Gynæcology, Clinical Ophthalmology and Practical Pathology.

By means of the above arrangement a certain definite amount of work must be accomplished by the student in each year, and an equitable division is made between the Primary and Final branches.

A minimum of 50 per cent. in each subject is required to Pass

and 75 per cent. for Honors.

Candidates must pass in all the subjects of each year; those who fail to pass in not more than two subjects of either the first, second or third years may be granted a supplemental examination at the beginning of the following session.

Supplemental examinations will not be granted, except by special permission of the Medical Faculty, and on written application stating reasons, and accompanied by a fee of \$5.00 for each subject.

No candidate will be permitted, without special permission of the Faculty, to proceed with the work of the final year until he has passed all the subjects comprised in the Primary examination.

No student will be allowed to present himself for his final examinations who has not certificates of having passed all his Primary examinations in this University.

Candidates who fail to pass in a subject of which practical courses are required may, at the discretion of the Faculty, be required to repeat the course, and furnish a certificate of attendance thereon. A course in Practical Anatomy will be accepted as equivalent to a third course of lectures in General and Descriptive Anatomy.

### VIII.

# FELLOWSHIPS, MEDALS AND PRIZES.

The Faculty has begun to establish Teaching and Research Fellowships in connection with the various laboratories.

These fellowships are of a value of five hundred dollars per annum, and are tenable for three years.

Two are now established in connection with the department of Pathology —A Governor's Fellowship endowed by



one or two of the Governors of the University, and a Faculty Fellowship established by the Faculty. Other Fellowships will be announced as they are established.

Ist. The "HOLMES GOLD MEDAL," founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., late Dean of the Faculty of Medicine. It is awarded to the student of the graduating class who receives the highest aggregate number of marks in the different branches comprised in the Medical Curriculum.

The Student who gains the Holmes' Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

2nd. THE FINAL PRIZE.—A Prize in Books (or a Microscope of equivalent value) awarded for the best examination, written and oral, in the Final branches. The Holmes' medalist is not permitted to compete for this prize.

3rd. THE THIRD YEAR PRIZE.—A Prize in Books awarded for the best examination, written and oral, in the branches of the third year.

4th. THE SECOND YEAR PRIZE.—A prize in books for the best examination in all the branches of the second year in course.

5th. THE FIRST YEAR PRIZE.—A prize in books for the best examination in all the branches of the first year in course.

6th. The "SUTHERLAND GOLD MEDAL," founded in 1878 by the late Mrs. Sutherland in memory of her late husband, Professor William Sutherland, M.D. It is awarded for the best examination in General and Medical Chemistry, together with creditable examination in the primary branches. The examination is held at the end of the third year.

7th. The "CLEMESHA PRIZE IN CLINICAL THERA-PEUTICS," founded in 1889 by John W. Clemesha, M.D., of Port Hope, Ont. It is awarded to the student making the highest marks in a special clinical examination.

### IX.

#### FEES.

The total Faculty fees for the whole medical course of four full sessions, including clinics, laboratory work, dissecting material and reagents, will be five hundred dollars, payable in four annual instalments of \$125 each.

For the convenience of the undergraduates, the Hospital fees will hereafter be payable in the Registrar's office at the University. Ten dollars to be paid at the beginning of each of the last three sessions, viz., the second, third and fourth years. This will entitle each undergraduate to perpetual tickets for both the Montreal General and Royal Victoria Hospitals.

Partial students will be admitted to one or more courses on payment of special fees. An annual University fee of two dollars is charged students of all the faculties for the maintenance of college grounds and athletics.

Students repeating the course of study of any Academic session are not required to pay full fees. A fee of twenty-five dollars will be charged, which will include Hospitals, dissecting material, chemical reagents, laboratory fees, etc. The same fee is charged students entering from other colleges who have already paid elsewhere fees for the courses taken.

It is suggested to parents or guardians of students that the fees be transmitted direct by cheque or P. O. Order to the Registrar, who will furnish official receipts.

All fees are payable in advance to the Registrar, and except by permission of the Faculty will not be received later than October 20th.

For Graduation Fees, see page 64.
For Hospital Fees, see pages 67, 75 and 76.

#### X.

#### TEXT BOOKS.

ANATOMY. - Gray, Morris, Quain (Eng. Ed.)., Gervish.

PRACTICAL ANATOMY.—Cunningham's Practical Anatomy, Ellis' Demonstrations, Holden's Dissector and Landmarks.

Physics.—Balfour Stewart.

INORGANIC CHEMISTRY.—Remsen, Wurtz's Elementary Chemistry.

ORGANIC CHEMISTRY.—Remsen.

PRACTICAL CHEMISTRY.—Odling.

PHARMACOLOGY and THERAPEUTICS.—Butler, White, Hare and Wood.

Physiology.—Foster and Shore's Physiology for Beginners, Mills' Textbook of Animal Physiology, Foster's Physiology, G. N. Stewart's Physiology, Mills' Class Laboratory Exercises.

PATHOLOGY.—Ziegler, Coats'.

Practical Pathology.—Mallory and Wright, Delafield & Prudden, Boyce.

BACTERIOLOGY.—Muir & Ritchie, Abbott.

HISTOLOGY.—Klein's Elements, Schafer's Essentials of Histology.

Surgery.—Holmes, Moullin, Walsham, Erichsen, Treves, American Text-book of Surgery, Da Costa.

PRACTICE OF MEDICINE.—Osler, Tyson, Wood and Fitz.

CLINICAL MEDICINE.—Musser's Medical Diagnosis; Simon, Klemperer, Rainy and Hutchison, Vierort's Medical Diagnosis.

MEDICAL JURISPRUDENCE.—Reese, Guy and Ferrier.

MENTAL DISEASES.—Insanity and its Treatment, Blandford, 4th Ed.

MIDWIFERY.—Lusk, and American Text Book.

DISEASES OF CHILDREN.—Holt, Rotch, Smith and Starr.

GYNÆCOLOGY.—Hart and Barbour, Garrigues, Webster.

Hygiene.—Parks, Wilson, Rohe.

BOTANY.—Gray's Text Book of Histology and Physiology. ZOOLOGY.—Shipley (Invertebrata), Wiedersheim (Vertebrata). OPHTHALMOLOGY.—De Schweinitz, Nettleship and Swanzy. OTOLOGY.—Pritchard, Dalby.

LARYNGOLOGY.—Watson Williams and Karl Seiler, Grumwald's Atlas of Diseases of Larynx.

OPERATIVE SURGERY.—Jacobson, Treves, Kocher.
DERMATOLOGY.—Malcolm Morris, Hyde, Crocker, Unna.
MEDICAL DICTIONARY.—Gould, Dunglison, Hoblyn.

#### XI.

#### MUSEUMS.

The Faculty has during recent years devoted special attention to the development of its museums in the several departments in which objective teaching is of especial value in the education of the student.

There are now four museums in the Medical Building: (1) the Museum of Pathology, (2) the Anatomical Museum, (3) the Museum of Public Health and Preventive Medicine, (4) the Museum of Pharmacy.

Each collection is arranged and selected with the primary object of making it a teaching museum. These several collections are open to students and the public between 9 a.m. and 5 p.m.

#### PATHOLOGICAL MUSEUM.

PROF. J. G. ADAMI, DIRECTOR.

MAUD E. ABBOTT, B.A., M.D., ASSISTANT CURATOR.

M. JULES BAILLY, OSTEOLOGIST AND ARTICULATOR.

For the past fifty years the rich Pathological Material furnished by the Montreal General Hospital has been collected here. The Faculty is also greatly indebted to many medical men throughout Canada and different parts of the world for important contributions to the Museum.

During the past few years, numerous and extremely im-

portant additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesenteric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" is also found. The Faculty are indebted to Prof. Osler, late of this University, for this collection.

The Museum contains also a very large collection of different forms of calculi. The Faculty are mainly indebted to Prof. Fenwick for this collection.

During the past seven years, M. Bailly, osteologist and articulator (lately with Tramond of Paris), has been engaged in arranging and mounting the very large number of specimens of disease and injuries of bones which have been accumulating for years. In this collection are to be found examples of fractures and dislocations of the spine, osteoporosis, congenital dislocation of the hip, fracture of the astragalus, multiple exostoses, &c., &c.

The Pathological Museum has recently undergone complete alteration. All the old fixtures have been removed, a new gallery has been erected about both rooms, reached by a single staircase in a small intermediate room in which is placed the medico-legal collection.

The first room on entering contains the extensive bone collection and calculi. The second and larger room is reserved for the moist preparations, which are arranged so as to be of easy access for the student. Water color drawings made from the fresh specimens are mounted on swinging frames, and also form a frieze at the ceiling. These serve to recall the fugitive colors of those preparations which become more or less altered on keeping.

Numerous specimens have been contributed from the surgical and medical wings of the Royal Victoria Hospital, and

from the different departments of the Montreal General Hos-

pital.

The Director of the Museum has much pleasure in acknowledging the receipt of the following objects for the year ending June 1st, 1899.

# FROM THE PATHOLOGICAL LABORATORY OF THE MONTREAL GENERAL HOSPITAL.

(Through the kindness of Professor Wyatt Johnston, Pathologist.)

CIRCULATORY SYSTEM:-

Mitral vegetations.

Mycotic endocarditis.

RESPIRATORY SYSTEM:-

Tubercular ulcer of larynx.

Lungs showing acute and chronic tuberculous cavities.

ALIMENTARY SYSTEM:-

Adenocarcinoma of rectum.

Typhoidal perforation of intestine.

Gangrenous appendicitis with perforation.

Appendix containing grain of oats in tip.

Appendices from 4 other cases of appendicitis.

5 specimens of epithelioma of tongue.

2 specimens of epithelioma of lip.

GENITO-URINARY SYSTEM:-

Haemorrhagic Pyelitis.

Tubercular kidney.

Fibroma of kidney in child.

Growth of Ureter.

Hydrosalpinx.

Chronic Endometritis.

Ruptured tubal pregnancy.

Placenta from abortion case.

Myoma of uterus.

Multiple fibromata uteri.

Adenoma of breast.

Scirrhous carcinoma of breast.

Tuberculous testicle. Epithelioma of penis. Sarcoma testis.

Osseous & Cutaneous System:-

Wound over fractured iliac bone.

Spina bifida.

Carcinoma of jaw.

Tumour of jaw.

Tumour of side.

Congenital tumour of foot.

Myoma of finger.

Epithelioma of skin.

Epithelioma of stump of arm.

Epithelioma of hand.

NERVOUS SYSTEM:

Neuromata.

Cerebro-spinal fluid.

2 cases of hemorrhage over surface of brain.

DUCTLESS GLANDS:-

Carcinoma of thyroid.

Epithelioma of lymphatic glands.

Alveolar sarcoma of gland.

Chronic inflammation of axillary gland.

Hyperplasia of gland of neck.

PARASITES:

Taenia medio canellata.

" removed from typhoid with per-

foration.

Taenia medio canellata removed post mortem.

MEDICO-LEGAL:—

Tendon of thumb (torn out).

Portion of clothing (suicide by gun shot).

Fracture of skull in 6 months' foetus.

2 cases of fracture of skull.

Inflation of margin of lung.

Ecchymoses in organs of newly born and cerebral haemorrhage.

Organs from case of carbolic acid poisoning. Organs from case of corrosive sublimate poisoning. Human bone (Barron Block fire).

18 Boxes of Cultures.

# FROM THE PATHOLOGICAL LABORATORY OF THE ROYAL VICTORIA HOSPITAL.

(Professor J. G. Adami, Pathologist.)

CIRCULATORY SYSTEM:-

Mitral stenosis with calcification of valve.

Aneurism of aorta.

Ulcerative atheroma of aorta.

Acute fibrinous pericarditis.

Aortic insufficiency.

Obturator bands in left ventricle.

Partial reduplication of aortic cusp of pulmonary valve. Chronic mitral stenosis and aortic insufficiency, relapsing aortic and mitral endocarditis.

Chronic interstitial myocarditis.

Adhesive pericarditis.

Extreme calcification at base of mitral valve in a case of mitral stenosis.

Mitral endocarditis, recent vegetations.

Mitral endocarditis.

RESPIRATORY SYSTEM:

Acute oedema of larynx.

Acute fibrinous pleuritis (2 specimens.)

Secondary carcinoma of pleura.

Secondary adenorcarcinoma of root of lung.

Chronic fibroid tuberculosis of lungs.

Accessory lobe of rt. lung (2 specimens).

Acute broncho-pneumonia.

DIGESTIVE SYSTEM:-

Adenocarcinoma of pancreas.

Tuberculosis of large intestine. (2 specimens.)

Uraemic ulceration of intestine.

Typhoidal ulceration of intestine.

Pigmentation of intestinal wall.

Meckels diverticulum.

Hypertrophic cirrhosis of liver with enlarged periportal glands.

Pigmentation cirrhosis of the liver.

Bile cyst of the liver.

Liver showing thrombosis of portal vessels.

Epithelioma of oesophagus.

Stricture of oesophagus.

Ranula pancreatica.

Leuchaemic spleen.

GENITO-URINARY SYSTEM:

Hog-backed kidney.

Pyelo-nephritis suppurativa.

Aneurism of renal artery.

Tubercular abscess in kidney.

Cystic kidney.

Arterio-sclerotic kidney.

White infarct of kidney.

Chronic interstitial nephritis.

Nephro-lithiasis.

Pyaemic abscess of prostrate.

Tuberculosis of prostate.

Old and recent infarct of kidney.

Chronic glomerulo nephritis.

Compensatory hypertrophy of kidney.

Cyst of broad ligament.

Cystic ovaries.

Pyosalphinx.

Periophoritis, endometritis.

DUCTLESS GLANDS.—

Colloid struma of thyroid with haemorrhage.

CALCULI:-

Renal and biliary. 10 specimens.

From Dr. Wm. Gardner:-

Calcified uterine fibroids.

Specimen showing a dermoid cyst, a solid fibroid and also an ordinary cyst of ovary.

From Dr. W. F. Hamilton:—
Aortic aneurism rupturing into right auricle.

From Dr. F. J. Shepherd:-

Large tumour of mesentery with 8 ft. of intestine.

Gangrenous appendix with perforation and faecal concretion.

Cyst of frontal lobe of brain. Porencephalus.

From Dr. J. A. Springle:—
Caries Sicca of head of humerus.

Hydronephritic kidney.

From Dr. James Bell:-

(Surgical Department, Royal Victoria Hospital.) Buccal concretion and necrosed lower jaw. Submaxillary gland and salivary calculus, in situ. Tuberculosis of larynx. Epithelioma of superior maxilla. Osteoid sarcoma of superior maxilla. Epithelioma of face, including the orbit. Epithelioma of lower jaw (2 specimens). Epithelioma of neck (2 specimens.) Epithelioma of cervical glands. Alveolar sarcoma of neck. Fibro-myxosarcoma of nasal mucous membrane. Myxosarcoma of parotid. Adenoma of thyroid. Adenocarcinoma of thyroid. Haemorrhagic cyst of thyroid. Epithelioma of finger. Giant celled sarcoma of finger. Intussusception. Adenocarcinoma of sigmoid flexure. Cystoma of omentum. Mixed cell sarcoma of liver. Struma suprarenalis sarcomatodes aberrans.

# MUSEUM OF PUBLIC HEALTH AND PREVENTIVE MEDICINE.

DIRECTOR, R. F. RUTTAN.
MUSEUM ASSISTANT, CHARLES STEVENSON.

This Museum has been established from the interest accruing through the endowment of the Chair of Hygiene by Lord Strathcona and Mount Royal in 1803.

The museum at present is chiefly of interest on account of the number and excellence of the working models, illustrating the best modern methods of sterilisation, disinfection, filtration and ventilation, together with a very useful collection of modern sanitary apparatus, illustrating the advantages and disadvantages of the water carriage system for the disposal of refuse, etc.

The Director has much pleasure in acknowledging contributions of value from:

- I. The Sanitary Construction Company of New York.
- 2. Richard King, King, Sprague & Co., New York.
- 3. Maignens Filtre Rapide Co., London, Eng.
- 4. L. Casella, London, Eng.

Vesical.—14 cases.

- 5. Messrs. Doulton & Co., Lambeth Pottery, London, E.C.
- 6. The Sanitary Institute, Parke's Museum, London.
- 7. The Hygienic Referendum, Hornsey, London, Eng.

8. Messrs. Newton & Co., London.

9. The Expanded Metal Co., London.

10. A. B. Reck, Copenhagen, Denmark.

II. Fischer Filter Plate Co.

12. J. W. Hughes, Montreal.

13. Wormser, Filterplatten-Werk, Worms, Germany.

14. The Laing Packing Company, Montreal.

The Department of Hygiene is also indebted to Mr. Fleming, Sanitary Engineer, for assistance and advice.

#### ANATOMICAL MUSEUM.

DIRECTOR, PROFESSOR F. J. SHEPHERD.
M. JULES BAILLY, OSTEOLOGIST AND ARTICULATOR.

This Museum occupies a large room on the same floor and adjoining the Anatomy Lecture Room and Dissecting Room. Smaller apartments in connection are used for private research, which is encouraged in every way by the Faculty.

The Museum is well furnished and comfortable, and students have every opportunity of studying Human, Compara-

tive and Applied Anatomy.

This department has during the past few years added a very complete collection of plaster and papier maché models by Steger, after the well-known works of His and Braune, comprising:

(a) A complete set of Steger's brain sections.

(b) Models of the cerebro-spinal and sympathetic nervous systems.

(c) Professor Cunningham's well-known and beautiful casts of the head, showing the relation of the cerebral convolutions to the skull and its sutures.

A large collection of human brains, made by Professor Osler, formerly of this University, exhibiting the various types and extremes.

A large and rare collection of anomalies of the Renal ves-

sels and ureter, and the aorta and its branches.

In Comparative Anatomy the student will find a fair amount of material, the study of which will greatly aid him in the elucidation of many points in Human Anatomy.

Many skeletons mounted by Mons. Jules Bailly, Articulator to the University, representing the various classes, orders, genera and species of the animal kingdom may be consulted.

A large collection, showing the pectoral girdle in birds, has been prepared under the supervision of the Professor of Anatomy.

Moist and dry preparations of dissections, a large collection of frozen cross sections of the human body, showing the normal relations of the viscera, etc., will be found convenient for study.

During the past year numerous valuable specimens have been presented to the Museum and its stores, which will be acknowledged in the next Calendar.

The Faculty has much pleasure in hereby acknowledging the following donations to the Anatomical Museum:—

From Surgeon Major Nicholson, R.A., M.C., India.

Skull of Indian Antelope.

" " Buffalo.

" " Tiger.

" " Ape.

" Hillman (2)

" Hindoo.

Gangitic crocodile, skulls of reptiles and many other specimens of much interest.

From Mrs. Forbes (late missionary to Caroline Islands), Montreal.—A number of specimens of reptiles, fishes and invertebrates peculiar to the South Pacific.

From Capt. Riley, Montreal.—Adult African skull (2). Young African skull. Skull of albatross. Skull of chimpanzee.

From Prof. G. P. Girdwood:-

1. Skiagraph South American Mud-fish.

2. " Cases Polydactylism.

3. " " "

4. " " " "

From Professor Shepherd:

Albatross skull, in section.

Skull of walrus.

Skeleton of peacock.

From the dissecting room. Preparation of thoracic viscera, showing Inferior Pulmonary vein, emptying into Left Innominate vein.

Case of Horseshoe Kidney.

Case of Double Ureters (2)

Case of Anomaly of Gall Bladder.

Case of Polydactylism.

Case of Syndactylism.

Cases of Supernumerary bone of carpus.

From Mr. Cresswell Shearer (student in Anatomy.)

Cranism of shark.

Cranism of skate (dissection.)

Mounted and dissected specimens of brains of various

fishes. Dissections of internal ear of sting ray.

Dissection of Gar-pike.

Dissection of Cat-fish.

Specimens of swimming bladders of fishes.

From Dr. McCarthy, Demonstrator of Anatomy:—
Specimen of Menobranchus.

From M. Jules Bailly, Osteologist to the Faculty.

Skull of raven.

Skeletons of Guinea-pigs.

From Professor Fenwick:

Skeleton of wild turkey.

From Mrs. L. E. Judah:-

Skulls of caribou (mounted).

Skeleton of cat-fish (mounted).

Skull of boa (mounted).

From St. Thomas Hospital, London,

A number of beautiful casts of the ear, brain and heart.

From unknown donor:-

Specimen of raccoon.

From Dr. Anderson, Assistant Pathologist, Montreal General Hospital:—

Extremities of child showing syndactylism and other deformities.

From Dr. Springle, Lecturer upon Anatomy:-

Heart and great vessels of Boa.

Heart and great vessels of Ray.

Preparations of stomachs and caeca of various mammals.

Stomach and caeca of salmon.

Skeleton of flounder.

Stuffed specimen of grey trout.

Specimen of Menobranchus.

Specimen of Lepidostens.

Specimen of Sturgeon (3).

Specimen of Cat-fish (4).

Specimen of Raccoon.

Specimen of Lynx.

Specimen of Fisher (2).

Specimen of Beaver.

Specimen of Muskrat.

Specimen of Grey squirrel (2).

Specimen of Jack rabbit.

Specimen of Hare (2).

From T. Bryant, Esq., F.R.C.S., of London, Eng., the work of Joseph Towne, of Guy's Hospital:—

A series of models of the Brain.

A series of five models of the Ear.

A large model showing cavities of the Heart.

#### XII.

#### LIBRARY.

LIBRARIAN, PROF. F. G. FINLEY.
ASSISTANT LIBRARIAN, Miss M. R. CHARLTON.

The Library of the Medical Faculty now comprises upwards of twenty thousand volumes, the largest special library connected with a medical school on this continent.

The valuable libraries of the late Professors Robert Palmer Howard, George Ross, Richard L. MacDonnell, T. Johnston Alloway and of Dr. Allen Ruttan have been donated to the Medical Faculty.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may consult any work of reference in the library between 9 a.m. and 6 p.m. A library reading-room for the use of students is provided.

#### EXTRACTS FROM THE LIBRARY REGULATIONS.

I. During the College Session the Library is open daily (except Sundays and general public holidays) from 9 a.m. till 6 p.m. During vacation from 10 a.m. to 5 p.m.

II. The stack room is not open to students or to the public.

III. The books in the Library are classed in two divisions: 1st, those which may be taken from the Library; 2nd, those which may not, under any circumstances, be removed from the Library. The latter class includes all catalogues, dictionaries and encyclopædias.

IV. Students will be allowed to use regular text-books only in the Library. Any other book may be taken out at 5.30 p.m., to be returned at the next day. If books so removed from the Library are not returned punctually, a fine will be imposed, and if the delay be serious the student may be suspended from use of the Library at the discretion of the Librarian.

V. Students may take out books, subject to the above regulations, to the number of three volumes at one time.

VI. Books may be taken from the Library only after they have been especially asked for and charged at the delivery desk; borrowers who cannot attend personally must sign and date an order, giving the titles of the books desired and the name of the person deputed to procure the same.

VII. Damage to or loss of books shall be made good to the satisfaction of the Librarian and of the Library Committee. Writing or making any mark upon any book belonging to the Library is unconditionally forbidden. Any persons found guilty of wilfully damaging any book in any way



shall be excluded from the Library, and shall be debarred from the use thereof for such time as the Library Committee may determine.

VIII. Silence must be strictly observed in the Library.

IX. Infringement of any of the rules of the Library will subject the offender to a fine or suspension of his privileges, or to such other penalty as the nature of the case may require.

penalty as the nature of the case may re	equire.
The number of volumes presented to the Library	
from June 4th, 1898, to May 25th, 1899, is	850
Those added by purchase	130
- Leading the specific single-the copies made	
Total additions to May 25th	980
The number of pamphlets and reports	200
The attendance of readers from June 4th, 1898, to	
May 25th, 1899, has been	8,008
The attendance from June 2nd, 1897, to May 14th,	
1898, was	6,350
The attendance from June 1st, 1896. to June 1st,	
1897, was	5,920
The attendance from June 1st, 1895, to June 1st, 1896,	
was	4,875
The number of books taken out for home use has	
been	3,209
The number of Journals and pamphlets has been	1,000
	-
	4,209

This does not include the works consulted in the Library. The Faculty has endeavored to make the Library as complete as possible for research work. Complete files of almost all the important periodicals are now on the shelves, including foreign as well as English and American Journals. A large number of transactions of various societies has recently been acquired, and also the Berlin and Paris theses.

Arrangements have been made whereby practitioners both in the city and country can avail themselves of the library, the only conditions being the payment of express charges and a guarantee for the safe return of books borrowed.

The following authors have presented copies of their works to the Library:—

Gorham Bacon, A.B., M.D.—A Manual of Otology, 1898. George William Balfour, M.D. (St. And.), F.R.C.P., Ed-Clinical Lectures on Diseases of the Heart and Aorta.

James B. Ball, M.D. (Lond.)—A Handbook of Diseases of the Nose and Pharynx, 3 Ed., 1897.

Gilbert A. Bannatyne, M.D. (Glas.), M.R.C.P. Ed.—Rheumatoid Arthritis; Its Pathology, Morbid Anatomy, and Treatment, 2nd ed., 1898.

Charlton Bastian, M.D.—Some Problems in Connection with Aphasia and Other Speech Defects, 1897.

William H. Bennett, F.R.C.S., Eng.—On appendicitis. William H. Bennett, F.R.C.S., Eng.—On Varix, its Causes and Treatment, 1898.

W. Brockbank, M.D.—On Gall Stones, 1896.

Lauder Brunton, M.D., D.Sc.—Lectures on the Action of Medicines, 1898.

Albert H. Buck, M.D.—Diseases of the Ear, 1898.

T. J. W. Burgess.—Historical Sketch of our Canadian Institutions for the Insane, 1898.

Richard C. Cabot, M.D.—Serum Diagnosis of Disease, 899.

John B. Chapin, M.D., LL.D.—Compendium of Insanity, 808.

T. S. Clouston, M.D., Ed., F.R.C.P.E.—Clinical Lectures on Mental Diseases. Ed., 1898.

John Chalmers Da Costa, M.D.—Manual of Modern Surgery, 1898.

Nathan Smith Davis, A.M., M.D., LL.D.—Lectures on the Principles and Practice of Medicine, 2nd Ed., 1886.

Nathan Smith Davis, jr., A.M., M.D.—Diseases of the Lungs, Heart and Kidneys, 1892.

W. Howship Dickinson, M.D., F.R.C.P.—Harveian Oration on Harvey in Ancient and Modern Medicine, 1891.

Faculty of Physicians and Surgeons of Glasgow.—Set of the early volumes of the Glasgow Medical Magazine, 1898. Hobart Amory Hare, M.D., B.Sc.—Text-Book of Practical Therapeutics, 1898.

Jabez Hogg, M.R.C.S., F.R.M.S.—The Microscope, its history, construction and appliance, 1898.

L. Emmett Holt, A.M., M.D.—Care and Feeding of Children, 1897.

Roberts P. Hudson, M.D.—Michigan a Summer and Health Resort State, 1898.

Horace Jayne, M.D., Ph.D.—Mammalian Anatomy, a Preparation for Human and Comparative Anatomy. Part I., The Skeleton of the Cat, 1898.

W. W. Keen, M.D., LL.D.—Surgical complications and Sequel of Typhoid Fever, 1898.

Howard A. Kelly, A.B., M.D.—Operative Gynaecology, 2 vols., 1898.

L. Landouzy, M.D.—Les Sérothérapies, Leçons de Thérapeutique et Matière Médicale, 1898.

David Lennox, M.D., & A. Sturrock, Esq.—Elements of Physical Education, 1898.

Donald MacAllister, M.D., and Henry W. Cattell, M.D.— Text Book of Special Pathological Anatomy, by Ernst Zeigler, Translators and Editors, 1897.

Sir William MacCormac, Bart, K.C.V.O.—The Hunterian Oration, 1899.

Joseph MacFarland, M.D.—Text Book upon the Pathegenic Bacteria, 1898.

John A. Mandel, M.D.—A text-book of Physiological Chemistry, by Olaf Hammarsten, translated by John A. Model.

Wesley Mills, M.A., M.D., D.V.S., F.R.S.C.—The Nature and Development of Animal Intelligence, 1898.

James E. Moore, M.D.—Orthopedic Surgery, 1898.

Robert T. Morris.—Lectures on Appendicitis and Notes on other Subjects, 1899.

Edward Nettleship, F.R.C.S.—Diseases of the Eye. A Manual for Students, 6th Ed., 1897.

Nathan Oppenheim, M.D.—The Development of the Child, 1898.

William Osler, M.D.—The Principles and Practice of Medicine, 3rd Ed., 1898.

W. S. Playfair, M.D., LL.D., F.R.C.P.-Science and Prac-

tice of Midwifery, 2 vols., 1898.

Henrick G. Paterson, M.D., Hypnotism, 1898.

A. S. Roberts, M.D.—Contributions to Orthopaedic Surgery 1898.

Thomas F. Rumbold, M.D.—The Hygiene of the Voice,

1898.

Sir William Stokes.—Life and Work of William Stokes,

1898.

G. N. Stewart, M.A., D.Sc. Ed., D.P.H. Camb.—A Manual of Physiology with Practical Exercises, 3rd Ed., 1898.

Henry R. Swanzy, A.M., M.B.—Diseases of the Eye, 1898. John Thomson, M.D.—Guide to the Clinical Examination and Treatment of Sick Children, 1898.

Sir William Thomson, F.R.C.S.I.—Some Diseases of the

Rectum and Anus, 1899.

H. Tappeiner, M.D.—Introduction to Chemical Diagnosis, 1898.

James Tyson, M.D.—Physical Diagnosis, 1898.

J. Francis Walsh, M.D.—The Anatomy and Functions of the Muscles of the Hand and of the Extensor Tendons of the Thumb, 1897.

Augustus D. Waller, M.D., F.R.S.-Lectures on Physio-

logy, 1897.

David Walsh, M.D (Edin.)—Premature Burial: Fact or Fiction, 1897? Excretory Irritation, and the Action of Certain Internal Remedies on the Skin, 1897.

William I. Walsham, M.D.—Nasal Irritation.

J. C. Wilson, A.M., M.D.—Practical Lessons in Fever Nursing, 1898.

The Library is also indebted to the following contributors: Professor Adami—Medical Chronicle, Vols. 1, 2, 6, N.S. Lyon Medical, Vols. 84, 85, 86. Gazette des Hopitaux, 1892-1895-1895, 3 Vols. Fortschritte der Medicin, 1898. Lyon Medicale, 1898. Gazette des Hopitaux, 1898.

American Association of Obstetricians & Gynaecologists, 1898.

American Climatological Association, 11 Vols.

American Laryngological Association, 14 Vols.

American Pediatric Society, 1898, 3 Vols.

American Ophthalmological Society, 8 Vols.

American Orthopedic Association, 1898.

American Surgical Association, 1898.

Professor Armstrong—Boston Medical and Surgical Journal for 1898.

Association of American Physicians, 1898.

Australasian Medical Gazette, 2 Vols.

Professor Blackader— International Medical Magazine, Vols. 6 and 7, 1897-98.

Berlin University, 50 Vols.

H. P. Bowditch, M.D.—American Journal of Physiology, 2 Vols.

Buffalo Medical Journal, 2 Vols.

Cambridge University, 4 Vols.

Professor Cameron—American Journal of Obstetrics, 1897. The Extra Pharmacopoeia, by W. Martindale, 8th Ed., 1895. American Journal of Obstetrics, 1898; also The British Gynaecological Journal, 1897. Transactions of the Edinburgh Obstetrical Society, Vol. 23, 1898. American Public Health Association, vol. 24, 1898.

F. Beach, M.D.—Treatment, 2 Vols.

D. Brown, M.D.—Pediatrics, 2 Vols.

W. Browning, M.D.—History of the Medical Society of the County of Kings.

A. J. Carson, M.D.—Transactions of the Academy of Medicine of Cincinnati, 1898.

Canadian Government Reports for 1898-99.

Canadian Journal of Medicine & Surgery, 2 Vols., 1897.

Chicago Medical Record, Vol. 14, 1898.

Pathological Society, 2 Vols., 1896-99.

Cincinnati Lancet Clinic, 2 Vols., 1897.

Clinical Society, Lond., I Vol.

Clinique, La, Editor of, 2 Vols., 1897.

College of Physicians, I Vol.

C. L. Colman & A. H. Windsor.—Sportsman's Year-book, 1899.

Cornell University, 2 Vols.

T. D. Crothers, M.D.—Quarterly Journal of Inebrity, 2 Vols.

G. L. Davis, Esq.-Medicine, 4 Vols.

L. B. Edwards, M.D.—Virginia Medical Journal, 2 Vols., 1898.

D. J. Evans, M.D.—Popular Science Monthly, 3 Vols.
Professor F. G. Finley.—Physical Diagnosis, by G. A.
Gibson and W. Russell, 1891. Dissections of the Human
Body, by R. E. Carrington, 1881. Medical News, 1898.

Professor Guyon.—L'Association Française d'Urologie,

3 Vols.

Guy's Hospital, 1 Vol.

W. F. Hamilton, M.D.-Pathology by

S. Hyde, M.D.—Journal of Balneology and Climatology, 2 Vols.

Professor Johnston.—Fortschritte der Medicine, Vols. 6 and 7.

Johns Hopkins Hospital-Reports and Bulletins, 1898.

Boston Society, 2 Vols.

King's College Hospital Reports, Vol. 4, 1898.

Liverpool Royal Infirmary, 1 Vol.

Messrs. Lea Brothers.—Practice of Obstetrics, 1899.

Local Government Board, London, Reports of.

Professor MacAlister—History of Epidemics in Britain, by Charles Creighton, M.A., M.D., 2 Vols., 1894. A Geographical History of Mammals, by R. Lydekker, B.A., F.R.S., etc., 1896. Manual of Practical Morbid Anatomy, by H. D. Rolleston, M.A., M.D., and A. A. Kanthack, M.D., M.R.C.P., 1894. Vertebrate Skeleton, by Sidney H. Reynolds, M.A., 1897.

Catalogue of the Osteological Portion of Specimens contained in the Anatomical Museum of the University of Cam-

bridge, 1862. The Electrical Researches of the Honourable Henry Cavendish, F.R.S., written between 1771 and 1781. Ed. by J. Clerk Maxwell, F.R.S., 1879.

A. B. Macallum, M.D.—Transactions of the Canadian In-

stitute, 10 Vols.

McGill's Graduate Society—The Doctor's Window, 1898. The Histopathology of the Diseases of the Skin, by Dr. P. G. Unna, tr. by Norman Walker, M.D., 1896. Masters of Medicine—Life of Sir Benjamin Collins Brodie, by Timothy Holmes, 1898.

Life of John Hunter, by Stephen Paget, 1897.

Life of William Stokes, by Sir William Stokes, 1898.

Hygienische Rundschaun, 5 Vols. Ventilation and Heating, by J. S. Billings, M.D., 1893. Purification of Public Water Supplies, by John W. Hill, 1898.

McGill's Medical Society of Undergraduates.-Lancet, Po-

pular Science Monthly. Therapeutic Gazette.

Medical Bulletin, 1898.

Medical Society of London, I Vol.

Medical Society of Ohio, I Vol.

Medical Society of the State of New York, 1898.

Michigan State Medical Society, 1898.

Methodist Episcopal Hospital Reports, Vol. 1, 1898.

Middlesex Hospital Reports, 1897.

Messrs. A. T. Mussen, D. M. Lineham and G. Wilkins.—Pathology Notes, by J. G. Adami, M.D., and Surgery, Notes, by T. G. Roddick, M.D.

Montreal Medical Journal, Editors of.—Index Catalogue Surgeon General's Office, Vol. 3, N. S. and Journals.

New York Academy of Medicine.—Complete Set of Transactions.

New York Eye & Ear Reports, Vol. 7.

New York Medical Times, 2 Vols., 1898, Publishers of.

New York Pathological Society, 1 Vol.

New York State Medical Association, 1897.

F. L. Nicholson, B.A., B.M.A.—Pocket Guide to Edinburgh.

Paris Faculty of Medicine, 69 Vols. Pathological Society of London, 1898. Pharmaceutical Society of London, 1 Vol. Philadelphia Polyclinics, 1898.

T. J. Pringle, Esq.—Third International Congress of

Dermatology, 1898.

Publication Committee, McGill Annual, 1898.

Revue Medicale, 1897-98, Publishers of.

Revue Mensuelle de l'Ecole d'Anthropologie, 1898.

Royal College of Physicians, London, I Vol.

Royal College of Surgeons, London, I Vol.

Royal University of Ireland, I Vol.

Royal Academy of Medicine, Ireland, 2 Vols.

Saint Thomas's Hospital Reports, 1898.

Sanitary Record, London, 1898.

Scientific Memoirs by Medical Officers of the Army of

Professor Shepherd—Medical Record, 3 Vols. Proceedings of the 10th Annual Meeting of the Association of American

Anatomicals, 1898.

University Medical Magazine, 1898. Archives of Pediatrics, 1898. Canadian Practitioner, 1898. Journal of Cutaneous and Genito-Urinary Diseases, 1898. Medical Record, 1898. Transactions of the Congress of American Physicians and Surgeons, 1897. Canada Lancet, 1898. Dominion Medical Monthly, 1898. British Journal of Dermatology, 1898. Aix-la-Chapelle, as a Health Resort, 1892. Transactions of the Dermatological Association, 1899. Anatomischer Anzeiger, 12 Vols., Pamphlets 70.

Society of Alumni of Bellevue Hospital, 1897-98. Society of Medical Phonographers, 2 Vols. State Board of Health, Michigan, 1897.

J. H. Stowers, M.D.—Transactions of the British Dermatological Society of Great Britain and Ireland, 4 Vols., 1895-98.

Professor Stewart—Medical Diagnosis, by J. H. Mussen—Food in Health and Disease, I. B. Yeo.—Twelve Lectures on



the Structure of the Central Nervous Systems, L. Edinger, M.D. Medical Diagnosis, by O. Vierordt, 1891.

Union (La), Medicale du Canada, Publisher of, 1896.

Universal Medical Annual, Publisher of, 1896.

Van Grieson, M.D.-Archives of Neurology and Psychopathology, 1898. State Hospitals, 1897.

The British Government.—Plague in India, 4 Vols.

Pamphlets have also been received from the following Doctors:-Dr. de Schwintz, Dr. Musser, Dr. Goulet, Dr. Shepherd, Dr. Kaye, Dr. Bulkley, Dr. Knopf, Dr. Veeder, Dr. Baldwin, Dr. Motter and others.

The Faculty is indebted to Professor Ruttan for presenting the Library of the late Dr. Allen Ruttan to the Faculty.

#### XIII.

## McGILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty, meets every alternate Saturday during the Autumn and Winter Terms, for the reading of papers, case reports and discussions on medical subjects. A prize competition has been established in senior and junior subjects, the senior being open to all to write upon, while only the 1st, 2nd and 3rd year students are allowed to compete in the junior subjects. The papers are examined by a board elected from the Professoriate, and a first and second prize in each division of subjects is awarded to the successful candidates.

Names of competitors and titles of papers shall be sent to the Chairman of the Programme Committee before September 1st, and all papers shall be subject to the call of the Committee on October 1st. All papers shall be handed in for

examination on or before January 10th.

The Students' reading room has been placed under the control of this Society, in which the leading English and American Medical Journals are on file as well as the leading daily and weekly newspapers of the Dominion.

The annual meeting is held the first week of the Spring

Term, when the following officers are elected: Hon. President, elected from the Faculty; President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter, Pathologist, and three Councilmen (of whom two shall be elected from the Faculty).

#### XIV.

## COST OF LIVING, &c.

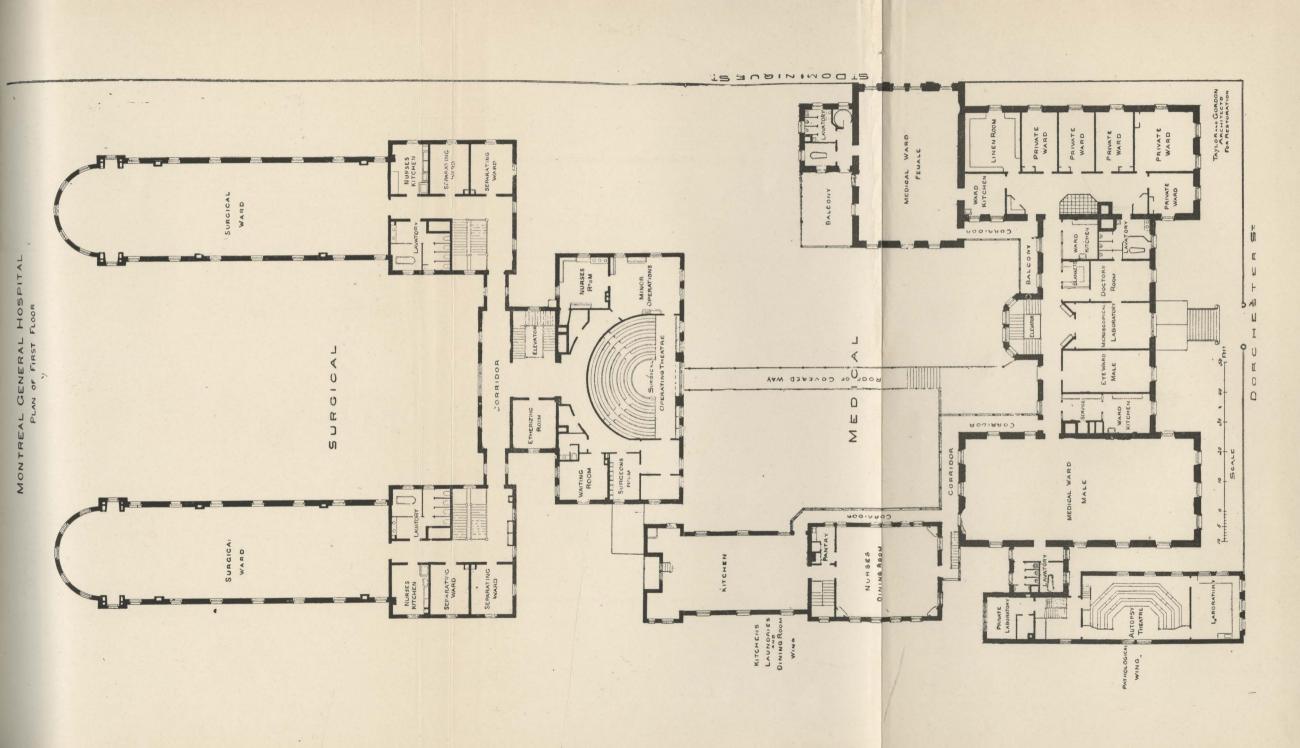
This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good board may be obtained from \$15 to \$20 per month. A list of boarding-houses, which are inspected annually by a sanitary committee, is prepared by the Secretary of the University, and may be procured from the Janitor at the Medical College.

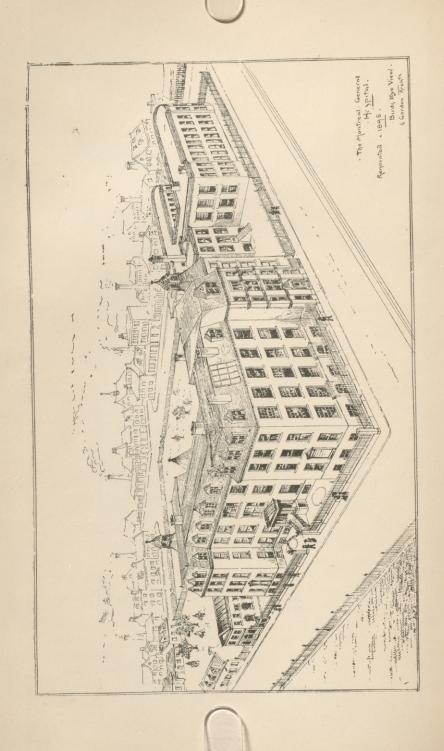
#### XV.

## HOSPITALS.

The City of Montreal is celebrated for the number and importance of its public charities. Among these its public hospitals are the most prominent and widely known. Those in which medical students of McGill University will receive clinical instruction are: (I.) The Montreal General Hospital. (2.) The Royal Victoria Hospital. (3.) Montreal Maternity Hospital.

The Montreal General Hospital has for many years been the most extensive clinical field in Canada. The old buildings, having proved inadequate to meet the increased demand for hospital accommodation, have recently been increased by the addition of two surgical pavilions; the Campbell Memorial, and the Greenshields Memorial, and of a new surgical theatre. The interior of the older buildings now has been entirely reconstructed on the most approved modern plans.





The Royal Victoria Hospital at the head of University Street, which in structure and arrangements ranks among the finest modern hospitals of either continent, was opened for the reception of patients the first of January, 1894, and affords exceptional opportunities for clinical instruction and practical training.

### Montreal General Hospital

This hospital has been for many years the most extensive clinical field in Canada.

It consists of a Surgical and Medical Department.

The Surgical Department has two large pavilions, containing four wards 135 feet long by 35 broad, with an intervening and connecting building in which is a large operating theatre of the most modern type, capable of seating over three hundred and fifty students. In connection with this are preparation, etherising, instruments, sterilising and surgeons' rooms, also smaller operating rooms. The Surgical pavilions which were built three years ago accommodate over one hundred patients.

The old part of the hospital, consisting of the Reed, Richardson and Morland wings, has during the past year been completely rebuilt and remodelled, and forms the Medical Department. This part contains four wards, 100 feet by 40, and is arranged for 150 beds. In this building there are wards for Gynaecological and Ophthalmological patients, a number of private wards and laboratories for Clinical Chemistry. There is also a medical amphitheatre capable of seating 150 students and a gynaecological operating-room fitted up in the most modern manner. The central part of the old building is for administration purposes.

A completely new and commodious out-door patient department has been provided on the ground floor of the Richardson wing, and there is ample accommodation for the various special departments as well as large rooms for general medical and surgical patients.

The Pathological Department is a completely new building

in which are the post-mortem theatre and rooms for microscopical and bacteriological work, and also a mortuary and chapel. In this building students are offered every opportunity of perfecting their knowledge of morbid anatomy and pathological histology.

The old Fever Wards on the grounds of the Hospital have been completely remodelled, and are now used as a laundry

and kitchen.

A much larger number of patients receive treatment in the Montreal General Hospital than in any other Canadian Hospital. Last year's report shows that between two and three thousand Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 24.02 days. Upwards of thirty-two thousand patients are annually treated in the out-door department of this Hospital.

Annual tickets entitling students to admission to the Hospital must be taken out at the commencement of the session, price \$5.00. These are obtained at the College. Perpetual tickets will be given on payment of the third annual fee.

# The Royal Victoria Hospital.\*

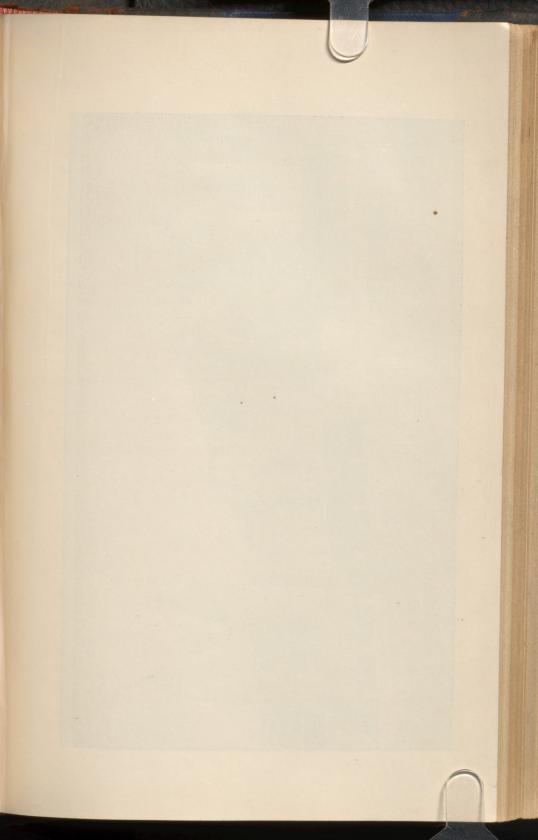
This Hospital is situated a short distance above the University Grounds on the side of the Mountain, and overlooks the city. It was founded in July, 1887, by the munificence of Lord Mount Stephen and Sir Donald Smith, who gave half a million dollars each for this purpose.

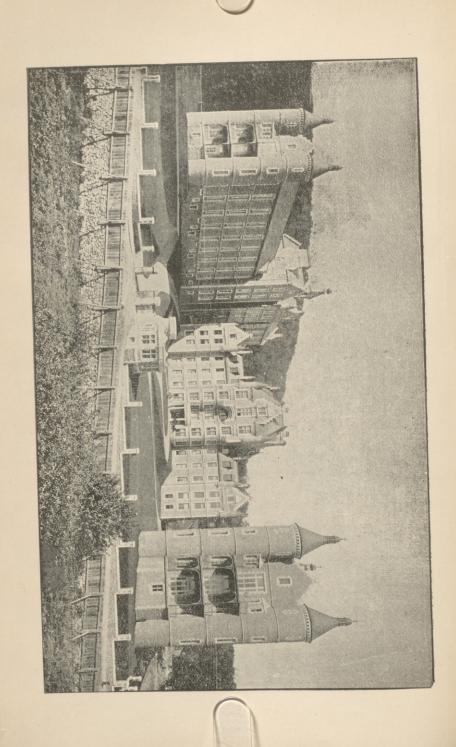
The buildings, which were opened for the reception of patients on the first of January, 1894, were designed by Mr. Saxon Snell of London, England, to accommodate between

250 and 300 patients.

The Hospital is composed of three main buildings connected together by stone bridges; an 'Administration Block in the centre and a wing on the east side for medical patients, in

<sup>\*</sup> Fees for this hospital are the same as those for the Montreal General Hospital,





immediate connection with which is the Pathological wing and mortuary, and a wing on the west side for surgical patients.

The Administration block contains ample accommodation for the resident medical staff, the nursing staff and domestics. The patients' entrance, the dispensary and admission rooms are also situated in this building.

The Medical wing contains three large wards, each 123 feet long by 26 feet 6 inches wide, one ward 40 feet by 26 feet 6 inches, and fifteen private and isolation wards averaging 16 feet by 12 feet, also a medical theatre with a seating capacity for 250, and three rooms adjacent to it for clinical chemistry and other purposes. North of this wing and in direct connection with it are the Pathological laboratories and mortuary.

In this wing are situated the mortuary proper, the chapel, a post mortem room capable of accommodating 200 students, and laboratories for the microscopic and bacteriological study of morbid tissues, some designed for the use of students and others for post graduation courses and special research. Special laboratories for Pathological chemistry, Experimental Pathology, Bacteriology and Photography are also provided.

The Surgical wing contains three large wards, each 123 feet long by 26 feet 6 inches wide, four wards each 40 feet by 32 feet, and seven private and isolation wards, averaging 16 feet by 12 feet; also a surgical theatre with a seating capacity for 250, with six rooms adjacent for preparation and after recovery purposes.

In this wing are also the wards for Gynaecology and Ophthalmology.

A new wing will be opened in the autumn of 1899 for the treatment of out-patients, and will contain special operating rooms for Gynaecology, Ophthalmology, Laryngology, etc.

#### XVI.

## CLINICAL INSTRUCTION.

During the Session of 1899-00, three Medical, three Surgical, two Gynaecological and two Ophthalmological clinics will be held weekly in both the Montreal General and Royal Vic-

toria Hospitals.

In addition, tutorial instruction will be given in these different departments in the wards, out-patient rooms and laboratories. Special weekly clinics will be given in the Montreal General Hospital on Dermatology and Laryngology and in the Royal Victoria Hospital on diseases of the Genito-

Urinary system, and Laryngology.

CLINICAL CLERKS in the medical and surgical wards of both Hospitals are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted to him. Students entering on and after October, 1893, will be required to show a certificate of having acted for six months as clinical clerk in medicine and six months in surgery, and are required to have reported at least ten cases in medicine and ten in surgery. The instruction obtained as clinical clerk is found to be of the greatest possible advantage to Students, as affording a true practical training for his future professional life.

Dressers are also appointed to the Out-door Departments. For these appointments, application is to be made to the Assistant Surgeons, or to the resident surgeon in charge of

the out-patient department.

The large number of patients affected with diseases of the eye and ear, now attending the special clinics at both hospitals, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and



Surgery. Operations are performed on the eye by the Ophthalmic Surgeon after the outdoor patients have been seen, and Students are invited to attend the same, and as far as practicable to keep such cases under observation so long as they remain in the Hospital.

There are now special departments in both Hospitals for Gynaecology and Laryngology, presided over by Specialists in these branches. Students are thus enabled to acquire special technical knowledge under skilled direction. The plan of teaching practical gynaecology for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of Gynaecological instruments.

The Clinics at the Montreal General Hospital in Dermatology and Laryngology are very large, and afford a practical training in affections of the skin and throat rarely obtained by medical students.

A special clinic for diseases of the Genito-Urinary Organs has been established at the Royal Victoria Hospital.

Infectious diseases and Insanity will also be taught clinically, the former in the special wards for infectious diseases and the latter at the Verdun Hospital for the Insane.

## The Montreal Maternity.

The Faculty has great pleasure in announcing that the Corporation of the ontreal Maternity has made very important additions to its building, and has still further improvements in contemplation. Students will therefore have greatly increased facilities for obtaining a practical knowledge of obstetrics and diseases of infancy. An improved Tarnier-Budin phantom is provided for the use of the students, and every facility afforded for acquiring a practical knowledge of the various obstetric manipulations. The institution is under the direct supervision of the Professor of Midwifery, who devotes much time and attention to individual instruction. Students who have attended the course on obstetrics

during the autumn and winter terms of the third year will be furnished with cases in rotation, which they will be required to report and attend till convalescence. Clinical midwifery has been placed upon the same basis as Clinical Medicine and Surgery, and a final Clinical examination instituted. Regular courses of clinical lectures are given throughout the session, special attention being paid to the important subject of infant feeding. The Walker-Gordon process of modifying milk is explained and demonstrated. During the autumn and winter terms the Demonstrator of Obstetrics gives Clinical Demonstrations in the wards and instruction in operative work on the phantom. Students will find it very much to their advantage to pay special attention to their Clinical work during the spring term of the third year and the following summer. Two resident accoucheurs are appointed yearly from the graduating class to hold office for a period of six months each.

Fee for twelve months, \$12.00, payable at the Maternity Hospital.

#### XVII.

## STUDENTS' APPOINTMENTS.

Montreal General Hospital—Seven Resident Medical Officers.

The following were the candidates at the examination, successful for vacant positions on the house staff of the Montreal General Hospital, for the year beginning September 1st, 1899:

—R. A. A. Shore, B.A., M.D.; A. H. Gordon, M.D.; C. T. Fitzgerald, M.D.; W. A. Cumming, M.D.; W. F. Brown, B.A., M.D.; T. G. McNeice, W. A. Wilkins.

Royal Victoria Hospital—Six Resident Medical Officers. The following graduates in 1899 were appointed to fill vacancies in the Royal Victoria Hospital.

In Medicine, E. F. Murphy, T. Turnbull.

In Surgery, T. R. O'Brien, B.A.

In Ophthalmology, F. T. Tooke, B.A.

University Maternity—Two Resident Medical Officers.

James Barclay, M.D., was appointed in 1898.

Clinical Clerk, Gynaecology.

" " Laryngology.

" Diseases of Children.

" " Dermatology.

" Diseases of Nervous System-

Out-door Dressers.

Dressers in Eye and Ear Department.

Medical Clinical Clerks.

Post-mortem Clerks.

Student Demonstrators of Anatomy, 4 third-year Students.

Prosectors to Chair of Anatomy, 4.

Assistants in Practical Histology Course, 2.

Assistants in Practical Physiology Course, 4.

Assistants in Practical Chemistry, 6.

#### XVIII.

# RULES FOR STUDENTS.

I. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the classroom. Persistence in any offence against discipline, after admonition by the Professor, shall be reported to the Dean of the Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from classes.

2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session, shall in each case be determined by

the Faculty.

3. While in the College, Students are expected to conduct themselves in the same orderly manner as in the Class-room.

4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.

5. Any Student found guilty of dishonest conduct at an examination, may be expelled from the University or sus-

pended for a term of years.



#### XX

## CLASS LISTS.

## SIXTY-SIXTH SESSION, 1898-1899.

The total number of Students enregistered in the Medical Faculty during the past Session was 447, of whom 436 were undergraduates and 11 were graduates attending post graduate and special courses.

#### UNDERGRADUATES.

Of whom there were from	m :		
Quebec	129	Manitoba and N.W.T	7
Ontario	124	West Indies	2
New Brunswick	58	British Columbia	9
Nova Scotia and Cape Breton	27	Ireland	3
United States	38	England	3
Newfoundland	8	Magdalen Islands	1
Prince Edward Island	27		
GRADU	JATE	STUDENTS.	
Of whom there were from	n :		
		New Brunswick	2
United States	4	Prince Edward Island	1

## STUDENTS ENREGISTERED IN THE FACULTY OF MEDICINE.

#### FIRST YEAR.

Ames, A. C., Donald, B.C.
Anderson, R. J. R., Chaudière Basin, Que
Arnold, D. R., B.A., St. John, N.B
Belisle, J. R., Nashua, N.H
Blair, A. K., Chicoutimi, Que
Blair, H. G. F., Ashton, Ont
Blakeman, F. W., Stratford, Ont
Boulter, J. H., Demorestville, Ont
Boyd, R. M., Belleville, Ont

Bradshaw, J. E., Montreal, Que Briggs, J. A., New Westminster, B.C. Buckman, A. R., Brockville, Ont Bulmer, A. M., Montreal, Que Burton, H. T., Short Hills. N. J. Byers, J. R., Gananoque, Ont Campbell, J.A. E., B. A., Westmount, Que Carnochan, W. L. C., Montreal, Que Carter, W. Le M., B. A., Quebec, Que

<sup>\*</sup> Double Course.

Chamberlain, H. B., Perth, Ont
Christie; J. F., Martintown, Ont
Codrington, R. F., Somerset, Eng
Colby, J. C., B.A., Stanstead, Que
Coleman, C. E., Chatham, N. B.
Cullen, W. H., Montreal, Que
Cumning, W. G., B.A., Montreal, Que
Cunningham, R. B., Montreal, Que
Curren, L. M., Lawson's P.O., Queen's
Co. N.B.
Delanev, M. House Harbor, Magdalen Is Cunningham, R. B., Montreal, Que Curren, L. M., Lawson's P.O., Queen's Co. N.B Delaney, M., House Harbor, Magdalen Is \*Dempsey, W. B. Calabogie, Ont \*Dickson, W. H., Pembroke, Ont Dickson, W. H., Montreal, Que Donohue, J. J. B.A., Worcester, Mass Dorion, W. A., Montreal, Que Douglas, F.C., Montreal, Que Douglas, F.C., Montreal, Que Doyle, A. J., B.A., Jacquet River, N.B Eastman, E. B., Portsmouth, N. H. Eaton, F. C., Hancock, N.H \*Elder, R., Huntingdon, Que \*Ellison, R. B. L., Bear River, N.S Evans, S., Ramsay's Corners, Ont Forguson, W. H., St. Thomas, Ont Folkins, C. G., Millstream, N.B Folkins, H. G., Millstream, N.B Ford, W. S., Belleville, Ont Forster, J. F. C., Dorchester, N. B Gardiner, R. J., Smith's Falls, Ont Gardner, W. A., B.A., Huntingdon, Que Glles, G. N., Madeira, Cal Gilmour, C. R., Brockville, Ont Green, F. W., Pictou, N.S Gurd, R. D., Sarnia, Ont Halliday, J. L., Sawyerville, Que Harris, L. C., Moncton, N.B Henry, C. M., Palmer S. Dakota Hopkins, C. W., Aroostook, Junct., N.B \*Horsfall, F. L., Montreal, Que Hughes, H. J., Charlottetown P.E.I Husband, B. K., Hamilton, Ont \*Hutchinson, J. W., Montreal, Que Irwin, F., Shelbourne, N.S Johnson, J. A., B.A., Montreal, Que Jones, N. C., Gananoque, Ont King, R., B.A., Sackville, N.B Latreille, E., B.L., Montreal, Que Leney, J. M., B.A., Montreal, Que Leney, J. M., B.A., Montreal, Que Macdonald, A. A., B.A., Montreal, Que Leney, J. M., B.A., Montreal, Que Mackinnon, G. E. I., Alexandria, Ont. Maclaren, A.H., B.A., Huntingdon, Que MacMillan, T. F., Montreal, Que MacNaughton, J. A., Salisbury, N.B MacNeill, A. J., Stanley Bridge, P.E.I \*McDonald, P. A., Dundee Centre, Que

McEachern, I. W. T., Rockland, Ont
\*McEwen, J. R., Dewittsville, Que
McGibbon, D., Arkona, Ont
McGrath, R. H., Dorchester, N.B
McKee, W. E., Oaticooke, Que
McNamara, W. J., Edmonton, Alta
McNeill, J. F., Kensington, P.E.1
\*McPherson, T. Stratford, Ont
Maillet, H. A., Bute City, Montana
Manchester, J. W., Sussex, N.B
Martin, H. E., Chatham, Ont
Mason, F. C., Plattsburg, N.Y
Mason, L. D., B.A., Montreal, Que
Menzies, J. E., New Bedford, Mass
\*Mitchell, I. E., Sherbrooke, Que
Morfatt, G., Inkerman, Ont
Moore, P. T., B.A., Monureal, Que
Morin, E. J., Springfield, Mass
Morrison, J. F., Copleston, Ont
Morse, W. R., B.A., Laurenectown, N.S
Mothersill, G. S., Ottawa, Ont
Munro, A. J., Moutreal, Que
\*Murphy, H. H., Antrim, Unt
Neary, A. G., Dorchester, Mass
Ness, W., Howick, Que
Netten, P. E., Port de Grave, Nfld
Oliver, C. J., Mansonville, Que
Palmer, G. H., Dorchester, N.B
Paterson, R. C., B.A., Montreal, Que
Pavey, H. L., London, Ont
Peters, O. R., Gagetown, N.B
Price, J., Campbellton, N.B
Price, J., Campbellton, N.B
\*Price, J., Campbellton, N.B
\*Sensay, W. A., Westmount, Que
Rawings, W. T., Montreal, Que
Shaw, De B., Portland, Me
Ship, M. L., B.A., Montreal, Que
Shaw, De B., Portland, Me
Ship, M. L., B.A., Montreal, Que
Shaw, De B., Portland, Me
Ship, M. L., B.A., Montreal, Que
Shaw, De B., Montreal, Que
Shaw, De B., Montreal, Que
Shaw, De M., W., Cambria, Ont
Theriault, J., Edmundston, N.B
Thomas, J. W., B.A., Montreal, Que
Van Wart, R. M., B.A., Fredericton, N.B
Warren, J. G., Montreal, Que
Van Wart, R. M., B.A., Fredericton, N.B
Warren, J. G., Montreal, Que
Van Wart, R. M., B.A., Fredericton, N.B
Warren, J. G., Montreal, Que
Wwitte, G. D., Trenton, Ont
Williams, R. G., Woodford, Ont
Wood, W., Westmount, Que
Wright, W. W., White's Cove, N.B

#### SECOND YEAR.

Alexander, J. H., Westmount, Que Anton, D. L. S., Ireland Bayfield, T. F., Charlottetown, P.E.I Beatty, H. W., Sarnia, Ont Belanger, E. R., Ottawa, Ont Bell, A. J., Westmount, Que +Bishop, L. C., Marbleton, Que Blake, J. J., Charlottetown, P.E.I Blaquiere J., North Rustico, P.E I Boire, W., E.' Manchester, N.H Borden, H. L.' B.A., Canning, N.S Browne, J. G., B.A., Montreal, Que Bruce, J., B.A., Moncton, N.B Burrows, A. E., Kingston, Ont Butler, P. E., B.A., Militown, N.B. Callbeck, A. Des B., Tryon, P.E. I

<sup>\*</sup> Double Course.

<sup>†</sup> Partial.

Campbell, A., Souris, P.E.I
Campbell, R. P., B.A., Westmount, Que
Cantile, F. P. L., Montreal, Que
Carey, E. E., B.A., Rozel Guernsey, Eng
†Carlyle, D. A., Morewood, Ont
Chandler, E. C., Montreal, Que
Collison, H., MeN., Dixon's Corners, Ont
Collison, J., Dixon's Corners, Ont
Crang, F. W., Toronto, Ont
Currie, W. D., B.A., Hallfax, N.S
Dalton, C. H., Tignish, P.E. I
\*Dixon, J. D., Montreal, Que
Dixon, W. E., Montreal, Que
Donovan, J. B., Lewiston, Maine
†Dowson, C. K., Montreal, Que
Duncan, J. W., Montreal, Que
Egan, W. J., Sydney Mines, N.S
Ellis, R. L., Youghall, N.B.
Fairie, J. A., Montreal, Que
†Fearn, C. J., St. Johns, Nfd
Featherston, H. C., Hamilton, Ont
\*Fleming, J. E., North Rustico, P.E.J
Fuller, A. T., B.A., Truro, N.S
Fuller, H. T., Halifax, N.S
\*Gardner, R. L., Almonte, Ont
George, J. D., Redwood, N.Y
\*Goodall, J. R., Ottawa, Ont
†Grant, W. W., Montreal, Que
Harley, R. O., Dublin, Ireland
Hope, J. T., Glen Robertson, Ont
Howard, A. C. P., B. A., Montreal, Que
Hunter, E. N., McL., Mirrimac, Mass
Jackson, C. F., Brockville, Ont
\*Johnston, J. L., Martintown, Ont
Jones, J. H., Brockville, Ont
Keenan, F. T. J., Lindsay, Ont
Keenan, F. T. J., Lindsay, Ont
Keenan, F. T. J., Lindsay, Ont
Lester, C. W., South Durham, Que
Lawlor, F. E., Dartmouth, N.S
\*Learmonth, G. E., Montreal, Que
Lawlor, F. E., Dartmouth, N.S
\*Learmonth, G. E., Montreal, Que
Lawlor, F. E., Dartmouth, N.S
\*Learmonth, G. E., Montreal, Que
Lawlor, F. E., Dartmouth, N.S
\*Learmonth, G. E., Montreal, Que
Lunney, T. H., St. John, N.B
Lynch, J. B., Fredericton, N.B
MacCarthy, F. H., Ottawa, Ont
Mackay, M., B.A., Montreal, Que
MacNeniel, J. W., West River, P.E. I
MacAleer, E. F., Bedford, Que
McMonald, C. A., Milltown, N.B
McDonald, C. A., Milltown, N.B
McDonald, E. E., Fort Qu'appelle, N.
W.T
McKay, D. S., Reserve Mines, N.S McKay, D. S., Reserve Mines, N.S.

Martin, E. A., Kemptville, Ont Meighen, W. A., Perth, Ont Millar, S., South Durham, Que Miller, G. H.S., Alexandria, Ont Moore, R. G., Belleville, Ont Moore, J. C., D.V.S., St. Chrysosteme, Que Moore, J. C., Denevine, Ont.
Moore, J. C., D. V. S., St. Chrysostome,
Que
Morgan, A. D., Nanaimo, B.C
Moses, H. C., Caledonia, Ont.
Mullally, E. J., Souris, P. E. I
Munroe, A. T., Moose Creek, Ont.
Newcombe, W. E., Vancouver, B.C
Niven, J. K., London, Ont.
O'Reilly, E. P., B.A., Hamilton, Ont.
Paradis, J. E., Montreal, Que
Penner, E., B.A., Gretna, Man
Pittis W., Plainfield, N. J
Redon, L. H., B. A., Victoria, B.C.
Richards, B. A., Yarmouth, N.S
\*Ritchie, C. F., Montreal, Qne
Roberts, J., Woodburn, Ont.
Robertson, C. G., Hawkesbury, Ont.
Robertson, C. G., Hawkesbury, Ont.
Robertson, C. G., Hawkesbury, Ont.
Robertson, W. G., Montreal, Que
Robidoux, E. L., B.A., Shediac, N. B.
Rogers, H. B., Peterborough, Ont.
Russel, C. K., B. A., Montreal, Que
Russell, E. M., B. A., Springfield, Mass
Rutherford, C. A., Waddington, N. H.
Ryan, W. T., B.A., Fredericton, N. B.
Sanders, C. W., Kemptville, Ont.
Saunders, W. E., Woodstock, N. B.
Shearer, C., Westmount, Que
Simpson, E. G. W., B.A., Lennoxville,
Que
Simpson, S., Bayview, P.E.I Shipson, E. G. W., B.A., Lennoxville, Que
Simpson, S., Bayview, P.E.I
Snetsinger, H. W., Moulinette, Ont
Stentaford, G. L., Heart's Content, Nfld
Stevenson, J., B.A., Montreal, Que
†Stewart, C. J., Russel, Ont
†Taylor, D. A., Havelock, N.B
Taylor, W. L., Waterloo, Que
Tobin, A. J., Cornwall, Ont
\*Walker, H., New York City, N.Y
Ward J. A., Lewiston, Maine
Wiggin, W. I., Lowell, Mass
\*White, E. H., Montreal, Que
Wiley, B. E., Fredericton, N.B
Williams, F. T., Boston, Mass
Williams, W., Remsen, N. Y

Wilson, J. J., Montreal, Que
Winter, D. E., Montreal, Que
Wyman, H. B., B.A., Chute à Blondeau,
Ont

## THIRD YEAR.

Armstrong, J. W., B.A., Bristol, Que Baird, J. A., Brucefield, Ont Ballantyne, C. T., Ottawa, East, Ont Bishop, T. E., Harvey Bank, N.B Brown, E. L., Chesterville, Ont Buffett, C., B.A., Grand Bank, Nfld Burnett, P., Montreal, Que Campbell, O. E., Apohaqui, N.B. Carnwath, J. E. M., Riverside, N.B Cartwright, C., Kingston, Ont

Charlton, G. A., Montreal, Que Chisholm, J., New Glasgow, N.S. Clemesha, W. F., Port Hope, Ont Coates, H. W., Bass River, N.B Coffin, J. D., Charlottetown, P.E.I Cook, C. R., Montreal, Que Coristine, W. H., Montreal, Que Costello, A. E., Moutreal, Que Costello, A. E., Moutreal, Que Cowperthwaite, W. M., Carboneer, Nfld Cox, J. R., Hull, Que

<sup>\*</sup> Double Course.
† Partial.

Crozier. J. A., B.A., Grand Valley, Ont Donaldson. A. S., Brockville, Ont Donald, A. E., Montreal, Que Duffy, P. F., Charlottetown, P.E.I Eagar, W. H., Dartmouth. N.S Freeman, C. H., B.A., Mitton, N.S Galbraith, H. H., Westmount, Que Gibson, E. J., Campbellford, Ont Gilday, A. L. C., B.A., Montreal, Que Hall, A. R., Washington, Ont Harvie, S. K., B.A., Newport, N. S. Haszard, C. F. L., Charlottetown, P.E.I Henry, C. K. P., Ottawa, Ont Hiebert, G., Gretna Man Hill, W. H. P., Montreal, Que Hughes, R. E., Ottawa, Ont Igoe, O. A., Tarrytown, N.Y. Jardine, J., Freetown, P.E. I. Johnston, A., Leeds, Que Jones, H. A., B. A., Moncton, N.B Kannary, E. LeR., B. A., Northfield, Minn Keating, H. T., Moore, Ont Keating, H. T., Moore, Ont MacPherson, C., St. John's, Nfld McAuley, A. G., Ventnor, Ont McConnell, R. E., B.A., Montreal, Que McDiarmid, W. B., Maxville, Ont McConnell, R. E., B.A., Fredericton, N.B. McSorley, H. S., Enderby, B.C. Martin, J. J., North Bay, Ont Martin, J. J., North Bay, Ont Martin, L. W., Warden, Que May, L. W., Ottawa, Ont

(Morrison, A. S., Montreal, Que Morrison, G. D., Vankleek Hill, Ont Morrow, J. J., Fergus, Ont Murray, L. M., Truro, N.S. O'Suflivan, M. T., Little Glace Bay, C.B. Paintin, A. C., Mansonville, Que Paterson, A., B.A., Montreal, Que Paterson, W. F., B.A., Montreal, Que Patere, F. J., Vankleek Hill, Ont Patton, J. W. T., Ponds, N.S. Payne, R. H., Kingston, Jamaica, W.I.I. Pope, E. L., B.A., Belleville, Ont Porter, A. S., Powassan, Ont Reynolds, F. L., St. John, N.B. Richard, F. A., B.A., Richibueto, N.B. Robb, G. W. A., Oxford, N.S. Ross, H., B.A., Montreal, Que Rowley, W. E., B.A., Marysville, N.B. Rutherfurd, A. E., London, Eng Sayre, T. D., Amherst, N.S. Scriver, E. F., Hamilton, Ont Secord, E. R., Brantford, Ont Shaughnessy, C. R., St. Stephen, N.B. Snyder, A. E. W., Coaticooke, Que Sparrow, C. J., Alexandria, Ont Symmes, C. R., Alexandria, Ont Symmes, C. R., Alexandria, Ont Symmes, C. R., Alexandria, Ont Todi, J. L., B.A., Victoria, B.C. Townshend, C., Parrsboro', N.S. Turner, W. G., B.A., Quebec, Que Wilkins, F. F., Montreal, Que Wilkins, F. F., B., Oromocto, N. B. Wilson, W. A., Carleton Place, Ont

#### FOURTH YEAR.

Akerley, A. W. K., Fredericton, N. B. Alley, G. T., Charlott town, P.E.I. Aylmer, A. L., Melbourne.
Beadie, W. D., Lachine Locks, Que. Bowles, C. T., Ottawa, Ont. Bradley, J. H., Charlottetown, P.E.I. Brannen, J. P., Montreal, Que. Brennan, F. A., St. Albans, Vt. Browning, W. E. Exeter, Ont. Brunett. W. B., B.A., Plattsburg, N.Y. Browning, W. E. Exeter, Ont. Burris. J. S., Halifax, N.S. Cameron, L. G., Cascades, Que. Casselman, P. C., Morrisburg, Ont. Craig, J. E., North Gower, Ont. Cunning W. A., Buckingham, Que. Cunningham, A. A., Huntingdon, Que. Cuzner, G., Ottawa, Ont Darche, C. E., Danville, Que. Drier, N. E., Woo stock, N.B. Dyer, E. O., B. A., Sutton, Que. Fawcett, R. F. M., Jannaica, W. I. FitzGerald, C. T., Harbor Breton, Mdd. Fourney, F. W., B.A., Montreal, Que. Gaibraith, W. S., Lethbridge, Alta, Gillis, E. G., Indian River, P. E.I. Gordon, A. H., St. John, N.B.

Gray, C. F. A., Montreal, Que, Greene, E., Leitrim, Out. Higgins, C. P., Victoria B. C. Jackson, F. S., Westmonut, Que, Jones, F. B., Montreal, Que, Jones, F. B., Montreal, Que, Jones, D. C., Maitland, Ont. Law, R., Ottawa, Ont. Levy, A., B. A., Montreal, Que, Lineham, D. M., Calgary, N. W.T. Loob, A. A., Montreal, Que, Logie, A. E., Chatham, N. B. Love, K. H., Carleton Place, Ont. Macdonald, J. S., Montreal, Que, Mackenzie, C. A., Toronto, Ont. McCombe, J., Dublin, Ireland. McDougall, A., Kippen, Ont. McIntyre, J. D., Clifton, P.E.I. McKay, J. G., Morewood, Ont. McKechnie, W. C., Marquette, Man. McNally, D. A., Abram's Vil'age, P. E. I. McNaughton, F. M. A., B. A., Huntingdon, Que McNiece, T. G., Carsonby, Ont. Mellon, P. B., Ottawa, Ont. Mellon, P. B., Ottawa, Ont. Morris, T. E., St. John, N. B. Moss, J. N., Montreal, Que, Mussen, A. T., Lachine, Que, Nash, A. C., Ogdensburg, N. Y.

<sup>\*</sup> Double Course. † Partial.

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Nicholson, F. J., B.A., Victoria, B.C. O'Brien, J. R., B,A., Ottawa, Ont. Peake, E. P., B.A., Oshkosh, Wis. Peppers, H. W., B.A., Fredericton, N.B. Phelps, S. E., Plainfield, N.J. Pittis, H., Plainfield, N.J. Prodrick, W. S., Ottawa, Ont. Rajotte, E. C. F., Montreal, Que. Ross, S. A., Hintonburg, Ont. Ross, W. J., Martintown, Ont. Rutherford, R. M., Hawkesbury, Ont. Ryan, G. H. W., Montreal, Que.

Scott, J. F., Montreal Annex, Que. Shore, R. A. A., B.A., Toronto, Ont. Sutherland, W. H., Sea View, P.E.I, Thompson, G. H., North Sydney, N. S. Tooke, F. T., B.A., Montreal, Que. Trites, C. B., Petitcodiac, N.B. Turnbull, T. Strafford, Ont. Wilkins, W. A., Montreal, Que. Wilkins, W. A., Montreal, Que. Witherbee, W. D., Potsdam, N.Y. Wood, D. F., Faribault, Minn, Woodley, J. W., Rockland, Ont.

Complete Class and Honor Lists, the results of the Examination of 1899 together with the Examination Papers in all professional subects may be obtained on application to the Registrar.

#### XXI.

## LIST OF PRIZEMEN AND MEDALLISTS IN THE MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and prizes were established for the best Thesis and for the best Examination in the Primary and Final branches.

In 1865 the Holmes' Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final branches. For statement concerning other prizes, see p. 73.

The following is the List with the present addresses of the

recipients:-

1854. For GENERAL PROFICIENCY.—Ist Prize—Robert Craik, Montreal.

and Prize-Thomas Simpson, Montreal.

THESIS.—James McG. Stevenson, Ruby, Mich. Final Examination.—James McG. Stevenson Lake Port. Final Examination.-James McG. Stevenson, Ruby, Mich. Primary Examination.-Walter J. Henry.\*

THESIS.—Walter James Henry,\* and W. J. Jones, Prescott, O.

Final Examination.—E. Laberge.\*

Primary Examination .- \*Hon. Levi R. Church, Montreal, Q.

1857. THESIS .- \*Hon. Levi R. Church, Montreal, and D. T. Robertson, Lennoxville, Q. Final Examination.-\*Hon. Levi R. Church, Montreal, Q. Primary Examination.—James Kerr.\*

1858. THESIS.—Timothy F. English, \*and W. F. Taylor, Peterboro, O. Final Examination.-Wm. Harkin.\*

Primary Examination.-Wm. Harkin.\*

THESIS.—Edward W. Smith.\*

Final Examination.-James J. O'Dea, Stapleton, Staten Island, New York.

Primary Examination .- Henry Warren.\*

THESIS.—J. W. Pickup.\*

Final Examination.—Henry Warren.\*

Primary Examination.-Joseph M. Drake,\* and Fred. Sutherland.\*

1861. THESIS.-Joseph M. Drake,\* F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.

<sup>\*</sup>Deceased.

Final Examination.—Joseph M. Drake.\*

Primary Examination.—Thos. C. Walton, Inspector U. S.

Navy Annapolis, Md.

1862. Thesis.—R. M. Bucke, London, O.

Final Examination.—John A. Stewart.\*

Primary Examination.—John J. Marston, Cheyenne, Wyoming.

1863. Thesis.—Wm. C. Gustin.\*

Final Examination.—J. J. Marston, Cheyenne, Wyoming.

Primary Examination.—R. A. Kennedy,\* and Peter A. Mc
Dougall, Ottawa, and C. F. Bullen.\*

1864. Thesis.—W. W. Squire.\*

Final Examination.—D. Howard Harrison, Winnipeg.

Primary Examination.—Kenneth Reid, New York.

1865. Holmes' Gold Medal.—E. P. Hurd, Newburyport, Mass.

Final Examination.—H. L. Vercoe.\*

Primary Examination.—George Ross,\* and W. Gardner,

Montreal.

1866. Holmes' Medallist.—George Ross, M.A.\*

Final Examination.—William Gardner, Montreal, Q.

Primary Examination.—Clinton W. Kelly, Louisville, Ky.

1867. Holmes' Medallist.—Clinton W. Kelly, Louisville, Ky.

Final Examination.—C. W. Kelly, Louisville, Ky.

Primary Examination.—Wm. Henry Patterson.

1868. Holmes' Medallist.—T. G. Roddick, Montreal, Q.
Final Examination.—T. G. Roddick, Montreal, Q.
Primary Examination.—Andrew Harkness, Lancaster, O.

1869. Holmes' Medallist.—T. D. Lucas.\*

Final Examination.—Andrew Harkness, Lancaster, O.

Primary Examination.—Alexander A. Henderson, Ottawa, O.

1870. HOLMES' MEDALLIST.—A. A. Henderson, Ottawa, O. Final Examination.—O. H. E. Clarke, Chicago.

Primary Examination.—J. H. Mathieson, St. Mary's, O.

1871. Holmes' Medallist.—J. H. Mathieson, St. Mary's, O. Final Examination.—H. P. Wright, Ottawa, O. Primgry Examination.—Thomas Kelly, Omaha, Neb.

1872. Holmes' Medallist.—Hamilton Allan, Tacoma, W. T.

Final Examination.—G. A. Starke Milwaukee, Wis.

Primary Examination.—F. J. Shepherd, Montreal.

Special Prize for Thesis.—W. Osler, Baltimore, Md.

1873. Holmes' Medallist.—Thomas Kelly, Omaha.

Final Examination.—D. A. Alguire, Cornwall, Ont.

Primary Examination.—J. D. Cline, B.A.\*

- 1874. HOLMES' MEDALLIST.—J. D. Cline, B.A.\*

  Final Examination.—J. C. Cameron, Montreal.

  Primary Examination.—S. J. Tunstall, B.A., Kamloops, B.C.
- 1875. HOLMES' MEDALLIST.— S. J. Tunstall, B.A., Kamloops, B.C.,

  Final Examination.—J. B. Benson, Chatham, N.B.,

  Primary Examination.—C. H. Murray, B.A.\*; R. H. W.

  Powell, Ottawa, Ont.
- 1876. HOLMES' MEDALLIST.—Robert H. W. Powell, Ottawa, O. Final Examination.—Chas. H. Murray, B.A.\*

  Primary Examination.—Alex. C. Fraser, Manitowoc, Wis. Special Prize for Thesis.—R. L. MacDonnell, B.A., Montreal.\*
- 1877. HOLMES' MEDALLIST.—James Bell, Montreal, Q. Final Examination.—W. D. Oakley, Streetsville, O. Primary Examination.—H. N. Vineberg, New York.
- 1878. HOLMES' MEDALLIST.—H. N. Vineberg, New York.

  Final Examination.—T. W. Mills, M.A., Montreal.

  Primary Examination.—W. R. Sutherland, Montreal.

  SUTHERLAND GOLD MEDAL.—J. M. Lefebvre, Vancouver,

  B.C.
- 1879. Holmes' Medallist.—J. B. Lawford, London, Eng.

  Final Examination.—A. W. Imrie, Detroit.

  Primary Examination.—J. A. McDonald, Montreal.

  Sutherland Gold Medal.—W. L. Grey, Pembroke, O.
- 1880. Holmes' Medallist.—J. A. McDonald, Montreal.

  Final Examination.—H. B. Small, Ottawa.

  Primary Examination.—James Ross, B.A., Dundas, O.

  SUTHERLAND GOLD MEDAL.—H. W. Thornton, B.A., New
  Richmond, Q.
- 1881. Holmes' Medallist.—James Ross, B.A., Dundas, O.

  Final Examination.—John W. Ross, Cohoes, N.Y.

  Primary Examination.—R. J. B. Howard, B.A., London, Eng.

  SUTHERLAND GOLD MEDAL.—C. E. Cameron, Montreal.
- 1882. HOLMES' MEDALLIST.—R. J. B. Howard, B.A., London, Eng. Final Examination.—Henry V. Ogden, B.A., Milwaukee, Wis.
  - Primary Examination.—George A. Graham, Hamilton, O-SUTHERLAND GOLD MEDAL.—Wyatt G. Johnston, Montreal, Q.
  - MORRICE SCHOLAR.—Wyatt G. Johnston, Montreal, Q.
- 1883. HOLMES' MEDALLIST.—C. E. Cameron, Montreal.

  Final Examination.—L. B. Loring, Chicago, Ill.

  Primary Examination.—Ed. G. Wood, Mitchell, O.

SUTHERLAND GOLD MEDAL.—R. F. Ruttan, B.A., Montreal, Q.

Morrice Scholar.—R. F. Ruttan, B.A., Montreal, Q. 84. Holmes' Medallist.—Wm. A. Ferguson, Bathurst, N.B. Final Examination.—James P. McInerney, Kingston, N.B. Primary Examination.—Smith Gustin, Bay City, Mich. Sutherland Gold Medal.—John Elder, B.A.

1885. Holmes' Medallist.—Edwin G. Wood, Mitchell, O. Final Examination.—Smith Gustin, Bay City, Mich. Primary Examination.—Ed. J. Evans, La Crosse, Wis. Sutherland Gold Medal.—H. A. Lafleur, B.A., Montreal, Q.

1886. Holmes' Medallist.—Herbert S. Birkett, Montreal, Q.

Final Examination.—Walter W. White, M.A., St. John, N.B.

Primary Examination.—William I. Bradley, Sault, St. Marie.

Sutherland Gold Medal.—William I. Bradley, Sault

St. Marie.

1887. Holmes' Medallist. Ed. 7

1887. Holmes' Medallist.—Ed. Evans, La Crosse, Wis.

Final Examination.—Henri A. Lafleur, B.A., Montreal, Q.

Primary Examination.—A. E. Garrow, Ottawa.

Sutherland Gold Medal.—John Creasor, Toronto, O.

1888. Holmes' Medallist.—N. D. Gunne, St. Mary's, O. Final Examination.—W. G. Stewart, Montreal, Q. Primary Examination.—R. E. McKechnie, Montreal, Q. Sutherland Gold Medal.—C. W. Bissett, St. Peters, N.S.

1889. Holmes' Medallist.—Alex. E. Garrow, Ottawa, O.

Final Examination.—\*Hugh McKercher.

Primary Examination.—Wm. Arthur Brown, Chesterville, O.

SUTHERLAND GOLD MEDAL.—John C. Clemesha, Port

Hope, O.

1890. Holmes' Medallist.—R. E. McKechnie, Nanaimo, B.C.
Final Examination.—E. J. Bowes, Soudan, Minn.; M. W.
Murray, New Decatur, Alabama.
Primary Examination.—James Henderson, Warkworth, Ont.;
Sutherland Gold Medal.—Thomas Jameson, Rochester,

CLEMESHA PRIZE.—A. H. Coleman, Tacoma, Wash.

1891. Holmes' Medallist.—W. A. Brown, Chesterville, Ont.

Final Examination.—W. F. Hamilton, Sackville, N.B.

Primary Examination.—W. E. Deeks, Williamsburg, Ont.

SUTHERLAND GOLD MEDAL.—J. A. Henderson, Orangeville,
Ont.

CLEMESHA PRIZE.—W. S. Morrow, Halifax, N.S. 1892. Holmes' Medallist.—Thomas Jameson, Rochester, N.Y.

Final Examination.—James Henderson, Warkworth, Ont. Primary Examination.—A. Davidson, Burns, Ont. Sutherland Gold Medal.—A. Davidson, Burns, Ont. Clemesha Prize.—W. B. H. Massiah, Barbadoes, W.I.

1893. Holmes' Medallist.—W. E. Deeks, B.A.; N. Williamsburgh,

Final Examination.—John Alexander Henderson, Montreal,

Primary Examination.—W. J. LeRossignol, B.A., Montreal,

SUTHERLAND GOLD MEDAL.—Walter J. LeRossignol, B.A. CLEMESHA PRIZE.—R. B. McKay, B.A., Monotick, Ont.

1894. Holmes' Medallist.—Andrew A. Robertson, B.A., Montreal, Q.

Final Examination.—Albert G. Nichols, M.A., Montreal, Q.

Primary Examination.—W. N. Kendrick.

Sutherland Medal.—G. D. Robins, B.A., Durham, Q.

CLEMESHA PRIZE.—Allan Davidson, Burns, Ont.

1895. Holmes' Medallist.—William A. Feader, Iroquois, O.

Final Examination.—Wm. G. Reilly, Montreal, Q.

Primary Examination.—C. B. Keenan, Ottawa, Ont.

SUTHERLAND MEDAL.—C. B. Keenan, Ottawa, Ont.

CLEMESHA PRIZE.—W. W. Wickham, Summerside, P.E.I.

1896. Holmes' Medallist.—Geo. Dougall Robins, B.A., Durham,
Q.

Final Examination.—Geo. Reginald Deacon, Stratford, Ont.
SUTHERLAND MEDAL.—A. L. McMurtry, Bowmanville, Ont.
CLEMESHA PRIZE.—Robt. Oswald Ross, B.A., Rossville,

N.S.
Second Year Examination.—W. O. Rose, Lakeville, P.E.I.
First Year Examination.—A. H. Gordon, St. John, N.B.

1897. Holmes' Medallist.—John G. Dougall, Amherst, N.S.

Final Examination.—A. R. Pennoyer, Gould, QueClemesha Prize.—I. H. Laidley, Lachine, Que.

Third Year Examination.—W. H. Dalpé, B.A., Montreal, Q.

Second Year Examination.—F. J. Nicholson, B.A., Victoria,
B.C.

First Year Examination.—D. R. Secord, Brantford, Ontario.

1898. Holmes' Medallist.—W. O. Rose, Lakeville, P.E.I.

Final Prizeman.—R. F. Beattie, Economy, N.S.

SUTHERLAND MEDAL.—J. R O'Brien, Ottawa, Ont.

CLEMESHA PRIZE.—C. A. Peters, St. Johns, Nfld.

Third Year Prize.—A. H. Gordon, St. John, N.B.

Second Year Prize.—E. R. Secord, Brantford Ont.

First Year Prize.—J. Bruce, B.A., Moncton, N.B.

# DOCTORS IN MEDICINE.

	40
Aborn, W. H	
Adami, J. G. (ad aundam) Hawley, Min	. 1887
Adami, J. G. (ad eundem)	. 1899
Addison, Jas. L. St. George, O. St. Johnson	. 1884
Addy, G. A. B. St. George, O. St. John, N.B. St. John, N.B.	. 1890
*Adsetts, John. St. John, N.B	. 1886
Alexander, C. C. Grimsby, O. Frederick	. 1871
Alexander, C. C	
Alexander, W. W Lachute, Que	. 1891
Alguire, Duncan O	. 1873
Allan, Hamilton	. 1872
Allan, J. H. B	. 1885
Allon T TT	. 1883
	. 1895
	. 1899
	1869
Anderson, Alex Med. Dept. Indian Army	1865
	1866
	1895
	1895
Archibald, E. W., B.A.	1869
	1896
Argue, J. F.	1886
Armitage, J. H Waterlas a	1896
Armstrong, G. E Montreel	1886
Arnoldi, Daniel (Hon)	1877
Arthur, R. H	1847
Atkinson, Robert.	1885
Ault, Charles.	1862
Ault, C. R.	1855
Ault, James F.	1896
Ault, Alexander.	1855
Ault, C. A	1860
Aut, Edwin D.	
Austin, Fred. John	1868
Ayer, N., M.A.	1862
Aylen, E. D.	1880
Aylen, John.	1893
Aylen, James.	1857
	1863
Aylen, W. W Sholden at T	
Ayimer, A. L Melhourne Over	1889
Backhouse J B	1899
Backhouse, J. B Braidwood, Ill	1870
Bailey, John W RA	1888
Bailey, John W., B.A	1895
Stall-Surgeon Major	1868
*Deceased.	

<sup>\*</sup>Deceased. †Holmes Medalist

Bain, Hugh U Prince Albert, N.W.T 1874
Baird, James G
Baird, T. A. D
Baker, Albert
Banfill, S. A 1898
*Barclay, George
Barclay, J
Barlow, W. L., B.A Montreal, Q 1898
*Barnston, James (ad eum) 1856
Barrett, Jos. A Cresco, Iowa 1884
Basken, J. T Mille Roche, Ont 1895
Battersby, Charles
Bayfield, G. E
Baynes, Geo. Aylmer 8 St. James Place, W. Chicago 1869
Baynes, Donald, M.A 44 Brooks St. Gros Sqr., London, Eng. 1876
Bazin, A. T
Bearman, G. P Bell's Corners, Ont 1898
*Beatty, D
Beatty, E. D Mallard, Iowa 1895
Beattie, R. F
*Beaudette, Alfred
Beaudry, Louis B St. Cesaire, Q 1871
Beckstead, M Lisbon Centre, St. L. Co., N.Y. 1878
Beers, A. H
*Bell, John, M.A
Bell, Robert W Peterboro', O
Poll Dabt CE
Bell, J
Bell, J. H., B.A
Belleau, AlfredQuebec
Bender, Prosper Essex Chamb's, Boston, Mass. 1865
Bennie, R
Benson, Joseph B
*Bergeron, Joseph
*Bergin, Darby
*Berry, J. A
Berry, R. P
Berwick, G. A Montreal, Q 1892
*Berwick, R. H
Bessey. William
*Bibaud, Jean G
Binmore, J. E
Birkett, H. S
Bishop, C. W Montreal, Q 1895
Bissett, C. P St. Peter's, N.S 1890
Blackader, Alex. D., B.A Montreal, Q 1871
Blackader, E. H. P., B.A Montreal, Q 1887
Blackett, J. W., B.A Fort Covington, N.Y 1898
Blacklock, John J
*Blanchet, J. B
Blair, Robt. C 1865
*Bligh, John W
Blow, T. H
Blunt, H. W

Bogart, Irvine D
Bogart, Irvine D
Boggs, G. W
*Bomberry, Geo. E. New Westminster, B.C. 1886 Bonesteel, S. A. Columbus Nob 1875
Bonesteel, S. A. Columbus, Neb. 1875 Bonnell, S. Cogl Crock P. G. 1881
Bonnell, S
Boone, S. W., B.A
Booth, J. S Montreal
Booth, J. S
Boucher, R R
Douck. (! W
Boulter, Geo. H. 1895
Bowen, G. A 1959
Bowen, W. B.A 1892
Bower. Silas J
Bowes, E. J. 1865
Bowie, R. A. 1890
Bowles, C. T. 1891
Bowman, William E
BOWGON T C
Boyd, Jay
Boyd, Jay.
*Boylan Andrew 4 1949
Boyle Albant To
Boyle, Albert D
*Bradley, William. Carbonear, Nfld. 1877 Bradley, W. I., B.A. 1889
Bradley, W. I., B.A
Braithwaite, J. M. Barbadoes, W. I. 1853 Brandon, John. Angastar O. I. 1896
Brandon, John. Barbadoes, W. I. 1896 Brears, C. F. Ancaster, O. 1867
Brears, C. F.       Ancaster, O.       1867         Breslin, William I.       Regina, N. W. T.       1898
Diesilli, William T
*Brigham, Josiah S
Brissette, Henry R Lowell, Mass
*Bristol, Amos S. Lowell, Mass
Broderick, E. J. St. John, N.B. 1850 Brodeur, Alphonse. 1890
Brodeur, Alphonse. St. John, N.B. 1890 *Brodie, John. Roxton Falls, Q. 1863
*Brodie, John. Roxton Falls, Q 1863 Brooks, Samuel T
Brooks, Samuel T. St. Johnsbury, Vt. 1877 Brossard, J. B. J. Laprointe Co. 1851
Brossard, J. B. J St. Johnsbury, Vt
*Brouse, William H
Brouse, Jacob E New Denver, B.C 1847 Brouse, J. E
Brouse, J. E 1861
Brown, C. H. BA 1892
*Brown, Chs. O
Brown, C. L. BA 1882
210WII, G. A
Brown D Montreal, Q 1006
Brown Tr Montreal, Q 1969
Prome T
Brown T Plottsville, O 1970
Daniel Duckingnam. III
Ducana de la constanta de la c
Chesterville, O
P. T., B.A Plattsburg, N.Y. 1899
Pro
Browne, Thos. L

Browne, Arthur A., B.A	Montreal, Q 1872
	Exeter, Ont 1899
	Atlantic, Mass 1892
Di diipud, Zidospisos.	
Didiood, Onomine.	
*Brunette, J. S	Lowell. Mass
	70 State St., Chicago 1867
Bryfon, William G	
*Bucke, Edward H	
Bucke, Richard Maurice	
*Buckle, John M. C	
Buckley, William P	Prescott, O
Bull, George J	4 rue de la Paix, Paris 1869
*Bullen, Charles F	
Buller, Frank	Montreal 1874
Burch, B. F	Walla, Wash, Ter 1866
Burgess, J. A	Listowell, O 1868
*Burland, John H	
Burland, William B	Montreal 1872
Burland, W. H	Punta Gorda, Fla 1875
Burland, Samuel C	Chester, Penn 1877
Burland, Benj. W	32 Jay St., Schenectady, N.Y. 1882
Burnett, W. B., B.A	Sussex, Ont 1899
Burrell, R. H., B.A	Yarmouth, N.S 1897
Burris, J. S	Halifax, N.S 1899
Burritt, C. H	Mitchell, Ont
Burritt, Horatio C	86 Wellesley St., Toronto, O 1863
	Lindsay, O
Burrows, Philip P	Bathgate, North Dak 1885
Burrows, F. N	
*Burnham, Robert Wilkins	
*Burns, Alfred J	
Burwash, Hy. J	***************************************
Busby, J	Whitehall, Mich 1891
*Butler, George C	
Butler. Billa F	
*Buxton, John N	
Byers, W. G. M	Montreal, Que 1894
	The second secon
Cahalan, James	Wyandotte, Mich 1880
Calkin. B. H	4 Temple St., Boston, Mass 1891
Cameron, James C	Montreal 1874
Cameron, Duncan H	Portland, Ore 1877
Cameron, John D	Iron Mountain, Mich 1879
Cameron, J. D	Montreal 1893
*Cameron, Paul	
Cameron, Chas. E	
Cameron, D. A	
Cameron, K., B.A	
Cameron, J. J	Kearney, Neb
Cameron, L. G	Cascades, Que 1899
*Campbell, G. W., M.A. (ad en	un)
*Campbell, Donald Peter	
	Montreal, Q
Campbell, C. G., B.Sc *Campbell, A. W	
*Campbell, A. W	

Campbell I G	1866
Vancouver DC	1897
Campoon, Bannuel.	1866
Brooklyn NV	1869
Cumpocii, J	1876
Sacinam Foot Cida Brid	1890
Montreal O	1882
Almonte O	1877
Mar Hogh Cor Coine Til	1873
Carey, Augur, D. L. (ad eum) 1	864
Carmichael, H. B Montreal O	892
Carlaw C. M	891
Carron F. P.	879
Caron, F. B	896
Cassidy Doyld M	.899
Cassidy, David M M. S. Co. Asy. Lancaster, Eng. 1	867
Cassidy, George A	886
Cassidy, J	865
*Carroll, Robert W. W	859
Carrythers, Coo.	893
Carrothers, Geo	883
Carson J. H Duluth, Minn	881
Carton Commel 4	843
Carter J. H. Carltonille Marine G. Galleton	359
Case W Hormonia	888
Chagnon V C D	
Chapot II.	
Chanman H T	
Chaimers W W R A Maggar O	
Chainnor, Francis.	
Cherry, William Toledo Obio	
"Chesley, George Ashbold	
Chevaller, Gustave Bedford O	
Chevaner, Napoleon E St. Johns O	
Chipman, C. J. H., B.A., Ottawa O	
Chipman, R. J	
Chisholm, Alex	
Tochuto O	
271 W 22nd Ct Chicago Til 100	2
Tooling Charles H.	2
Montreal O	6
Ottown O	8
torier W	5
Church, F. W	0

Church, H. M Montreal, Q	1896
*Church, Levi R., Hon	1857
Church, Mills K Merrickville, O	1864
Charles T. I. D.	
*Church, Peter H	1884
Churchill I I DA	1846
Churchill, J. L., B.A Lockport, N.S	1896
Clark, John Smethport, Pa	1891
Clark, F. G. B	
	1876
Clarke, Octavius, H. E 3857 Vincennes Ave., Chicago	1870
Clarke, Wallace, B.A Utica, N.Y	1871
Clarke Henry J Pembina, Dak	1884
Clarke, J. W	1890
Clark, Richard A St. Thomas, O	1870
*Clarke, J. L	1886
Clement, Victor A St. Guillaume, Q	
Clamagha Taha W	1886
Clemesha, John W Port Hope, Ont	1867
Clemesha, J. C Port Hope, Ont	1891
Clindinin, S. L Dawson City	1897
*Cline, John D., B.A	1874
Clune, P. J Warkworth, O	1890
Clouston, J. R	1888
*Cluness, Daniel	1870
Coburn, A. D Keswick Ridge, N.B	1893
Codd, Alfred Fort Osborne, Winnip., Man.	
Coleman, A. H	1865
*Colling Charles TV	1890
*Collins, Charles W	1869
Collison, R Norfolk, St. Law. Co., N.Y.	1878
*Colquhoun, George	1876
Colquhoun, P., B.A Montreal, Q	1896
Colvin, A. R St Paul. Minneapolis	1894
Commeau, John B	1870
Commins, M. E., B.A St. Stephen, N.B.	1895
Conroy, C. P	
Cook, Guy R., B.A Louisville, N.Y	1888
Cook, Hermon LBrighton, Ont	1876
Cooks Sydney D	1854
Cooke, Sydney P	1869
Cook, Sheldon E	1884
Cooke, Charles H	1866
Cooke, W. H D'Israeli, Que	1876
Copper, M. A Ormstown, Q	1893
Copeland, Wm. L 866 W. Munroe St., Chicago, Ill.	1872
Corbett, G. G St. John, N.B	1898
*Corbett, A. M. P	1854
Corbett, F. A. F., B.A Parrsboro, N.S	1896
Corbett, Wm. H	
Chagagarus Dept.	1854
Corbin, F. G Chascornus Buenos Ayres,	1000
C	1890
Corlie Togich	1898
Corneals Was	1869
Cormack, Wm	1881
*Corsan, John	1869
Corsan, Douglas Victoria, B.C	1885
Cotton, C. L	1887
Consider TIT C	1882
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Delaney, W. J	Nangatuck, Conn 1889
Delmage, F. W., B.A	St. Mary's, Ont 1897
Demorest, B. G. G	
Derby, W. J	
	Newcastle, N.B 1888
	Ottawa, O 1888
	South Port, P.E.I 1893
Dewar, J. E	Minneapolis, Minn 1898
	Cookshire, Q 1891
	963 Champlain St., Det., Mich. 1893
Dibblee, G. G	Moor's Mills, N.B 1880
*Dice, George	
*Dickinson, James S	1846
Dickson, S. M	
Dickson, William W	
	Knowlton, Q 1887
	Brantford, O 1863
	Campbellton, N.B 1885
	Cascade, Iowa
	Utopia, Texas
	103 State St., Chicago 1875
	Eagansville, O
	Halifax, N.S
	Quebec, Que
	Montreal, Q
	Montreal, Que
	St. Sebastien, Q 1865
	Hull, Q
	Abercrombie, N.S
	Fareham, Hants, Eng 1866
	Bathurst, N.B 1871
	London, Eng
	Surgeon-Major Army 1858
	1871
Duncan, John A	Victoria, B.C 1884
	Bathurst, N.B
	Fergus Falls, Minn 1882
Duncan, G. H	Dawson City 1892
	Crookston, Minn 1882
*Dunn, William Oscar	
	Stratford, O
Dupuis, Joseph B	Clarenceville, Q 1856

Duval, J. L	1898
Du vernet, Edward Dighy Ng	1893
Dyer E. U., B.A Sutton, Que	1899
Easton, John Brockville, O	1852
Baston, C. L Smith's Falls O	1887
Eberie, Harry A., Kansas City Ma	1876
Inderes, D. W.	1885
Edgar C. J M. G. Hosp., Montreal	1897
Edgar, C. J	1887
Edwards, J. S London O	1855
Baring M TIT TI	1880
Black, John, B.A Montreal ()	1873
Elderkill, Edwin J Weymouth Pridge Mg	1885
Elkintonn, A. G.,	862
Emott, F. B., Mayfair Ont	896
131118011, D. R.,	873
Ellis, W. E	887
Ellis, W. I. St Tohn N. D.	890
	895
Emery, Gordon J. Minneanolis Minn	896
England, W. S., Winning	857 889
English, T. F	858
Elikane, John.	860
130 W 24th Ct 37 Tr	889
Estey, A. S	894
Ethier, Calixte	867
Evalls, D. J Montreal	
Evans, E. J	890
Evans. J. W Schrichen Out GDD	887
Ewall, R. B Montreel O	894
	373
Fagan C A DA North A.	
Falkner, Alexander Williamstown	898
Falls, Samuel K	66
rarewell, G. McGill Sault St Maria Ont	78
Parewell, W. G Norfolk Va	
Farwell, W. A Sherbrooke Oue	
rariey, Jas. T Cherokee, Kansas	
Farley, John J	73
Faulkner, George W	71
Faulkner, D. W.	
reader, W Iroquois Ont	
Tende, E. C Montreal	
renwick, Geo. E	
Joseph Alex. R.	
100 Bussoll, A. A	
Moncton NR	
Cumberland O	
Ferguson, W	14

Ferguson, J. A. (Ret.) Smith's Falls, Ont	1896
Fillmore, E. W Spencer's Island, N.B	1887
Finlay, C Hamilton, Ont	1896
Finley, F. G Montreal	1885
*Finlayson, John	1834
Finnie, J. H	1898
Finnie, John T Montreal	1869
Fish, E. C., B.A	1896
*l'isher, John	1847
Fisk, W. M Montreal.	1896
*Fitzgerald, James	1865
FitzGerald, C. T Harbor Breton, Nfld	1899
Flagg, J. D	1887
Flemming, G. W Chipman, N.B	1893
Fletcher, R Boston, Mass	1891
Flinn, J. W	1895
Forbes, A. M. T	1898
*Fortune, Louis M	1873
Fortin, Pierre	1845
Foss, A. F	1896
	1897
Foster, G. M	1897
*Foster Stephen Sewell	1846
Fowler E. S	1894
Fox, A. C. L. (Ret.)	1898
Fox, C. H	1895
Fraleigh, William S	1869
Francis B	1899
Fraser, A. D	1896
Fraser, F. C., B.A Montreal, Que	1898
Fraser, H. D	1881
Fraser, H. B., B.A Westmeath, Ont	1896
Fraser, Alex. C	1877
*Fraser, William	1836
Fraser, William H La Salle, Ill	1867
Fraser, Donald M Stratford, O	1869
*Fraser, Donald	1868
Fraser, J. R Lakefield, O	1878
Fraser, J. M	1887
Freeman, C. M	1871
Fritz, H. D., B.A	1888
Fry, F. M., B.A Montreal	1894
Fuller, W	1866
Fuller, G. F. LeRoy Sweetsburg, Que	1899
Fuller, H. LeRoy, B.A Sweetsburg, Q	1870
Fulton, J. H	1863
	1894
Fulton, J. A Franklin Centre, Que	1034
Gadbois, F. A Sherbrooke, Que	1898
	1899
	1933
Galbraith, W. S Lethbridge, N.W.T	
Gale, HughBay City, Mich	1882
Galbraith, W. S Lethbridge, N.W.T	1882 1895
Galbraith, W. S Lethbridge, N.W.T	1882 1895 1852
Galbraith, W. S Lethbridge, N.W.T	1882 1895

Cardner Matth	
Gardner, Matthew Sacramento, Cal	. 1871
	. 1011
Gardner, A. W	. 1867
Gairdner, T. M. (Ret.)	. 1887
*Cascoigne, Geo. E	1886
*Cascoigne, Geo. E	. 1889
Gaviller, Edwin A	1861
*Gauvreau, Elzear*Gauvreau, Lewis H	1873
*Gauvreau, Lewis H	1855
Gemmill, E. W.	1836
Gendron, Thomas	1889
*Gernon, George W St. Raymond, Q	1866
*Gernon, George W St. Raymond, Q	1872
*Gibb, George D. *Gibson, John B.	1846
*Gibson, John B. Gibson, W. B. Burlington W.	1855
Gibson, W. B	1878
*Gibson, J. B	
Gibson, J. B	1864
	1886
*Gilbert, Henry L	1891
Gilday, F. W Montreal, Que	1875
Gillis, B. W. D	1897
Gillis, E. G	1898
	1899
Gillies, John. Teeswater, O	1877
Gilmour, Angus A	1867
McAllister Ave., San Fran-	
Girdlestone, C. W. cisco, Cal	1868
	1892
	1859
	1869
	1898
	1886
	1895
	1858
	1892
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	1844
	1865
	1861
	1875
	1863
	1896
	1884
Gordon, A. H	1888
Gordon, A. H	1899
Gordon, C. M	1881
Gordon, G. S	1897
	1868
	1863
	1890
	1894
Eganville, Ont.	1897
Montreal One	1898
Grafton, E. A	1891
Granam, Charles E Hull O	865
Graham, George A	COOL
George A	884

	1863
	1875
Gianalli, J., ., ., ., ., ., ., ., ., ., ., ., ., .	1886
Graham, P. C. R Frescott, O	1892
Emerdale, Haddingdonshire,	4000
	1896
Grant, n. A	1892
Trant. Donald J	1863
Grant, D Pictou, N.S	1896
Grant, James A., Sir Ottawa, O	1854
Grant James A. Jr. B.A Ottawa, O	1882
*Grant, William	1867
Grant, J. H. Y	1886
	1895
Citalit, 0, 21	1899
Grav. C. F. A	1876
	1879
Gray, Thomas	1883
Gray, James	1881
Gray, W. L	1877
Greaves, Henry C	
	1878
Green, r. W	1898
Creene E Leitrim. Ont	1899
Greene, T. J	1890
Greer, T. A	1876
*Grenier, L. P. A	1863
Groves George H	1879
Groves, W Quyon, Q	1886
Guerin, James J. E Montreal	1878
	1873
Cauche, Inolines I.,	1861
dun, bames	1895
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Gunter. F. B., B.A	
Gunter. F. B., B.A	
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Control Contro	1885
*Gustin, Wm. Claud	1863
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*Hall, J. W	1848
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Hall, W Walkerton, O	1887
Hall, M. K	1893
Hallett, E. O	1885
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Hillians.

*Hamilton, Andrew W
Hamilton, Charles S. (Ret.) Demorestville, O 1859
Hamilton, H. D., B.A Montreal 1890
*Hamilton, Rufus F Port Dover, O 1871
*Hamilton, Rufus F
Hamilton, W. F
*Harding, F. W
Harkin, HenryLiverpool, Eng1885 *Harkin, William1867
*Harkin, William
Hargrave, I. L
Harlman 1869
Hamis at a 1960
Hamisat T Montreal, Q 1990
Harrison, H. J.
11a1118011, J. D. M A
mart, George C.
Hart, F. W
Hart, E. C
Hartin, G
Harvey, F. W., B.A Abercorn, Que
Harvie, J. B
Harwood, R. de L
Hattie W. H
Hawkins, A. C
Hayd, H. E
Hayden, E. W. Bullalo, N.Y. 1881 Hayes, James. Cobourg, Ont. 1897
Hayes, James
Hayes, John
Hayes, J., B.A
Hayes, P. J
Haythorne, T. J., B.A
Healey, D. J
Heard, C. DeW
Hebert, P. Zotique (Ret.)
*Henderson, Alex. A
*Henderson, E. G*Henderson, Peter A. M
*Henry, Walter (Hon.)

	1856
*Henry, Walter J Detroit Mich.	1888
*Henry, Walter J	1879
Henwood, Alfred J	1894
Hepworth, W. G	1866
*Heryey, Jonas J	1872
Hetherington, Harry*Hattely with the Rollimore	1888
*Hewitt, J	1891
Hewetson, S. W	1893
Hickey, Charles E	1866
*Hickey, Samuel A., B.A	1874
*Hickey, Samuel A., B.A	1899
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	1873
	1851
Hingston, W. H	1888 .
Hoare. C. W	
Hingston, W. H	1874
Hogen E V. B.A Weymouth, 1	1896
Tlagg D H London, Ont	1892
*Hogg I, B.A.,	1895 1895
Hogle J. H	1844
*Holden Rufus	1891
Holden, D. B., B.A	1843
*Holmes, Andrew F. (ad eun.)	1889
Holmes A D Detroit. Mich	1894
Holohan, P A., B.A., Newcastle, N.B.,	1868
*Holwell John	1889
Honkins F. A Montreal	1883
Hanking Alfred J	1888
	1881
Transfor D W	1898
Houston J. C	1867
Howard James	1872
	1848
*Howard, R. PalmerLondon, Eng	
tHoward, R. J. B., B.A London, Eng	1882
Howden, Robert	1857 1896
Howey, W. H Sudbury, O	1878
Howett, Wm. H	1870
Howland, Francis L	1857
Hubbard, O. H	1888
*Hubert, P. T	1889
Hudson, H. P	1898
Hughes P. H Leamington, O	1886
Hughson, E. R Blenheim, Ont	1896
Hulbert E. Augustus S58 Henry St., Brooklyn, N.Y.	1860
Hume, G. W. L	1898
Hume William L Leeds, Q	1875
*Hunt. J. J	1881
Hunt Henry	1876
Hunt, J. H Surg. Maj. Army Med. Dept.	1869
Hunt, Lewis G., B.A Snemeld, Eng	1871
*Hurd Ed. P	
Hurdman, Benj. F. W Brandon, Man	1882

Hurdman, H H
Hurdman, H. H
Brygon O
Hurlburt, George W Thornbury, Q 1859
Hurlburt, Richard W Mitchell, O 1873
Montreal O
Hutchinson, Jas. A
Toronto A TVI
Inksetter, D. G
Inksetter W E
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Johnson, H. D
Johnson, James B London, Eng
Johnson, Thomas G
Johnston, W
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Johnston, A
Johnston, F. E. L Delaware, O
Jones, D. C
Jones, F. B
Jones Thomas W. A. Burlington, Iowa,
Jones Jonethon G. (ad eun.)
Jones Jonathan C
Prognott O
Osephs, G. E
ost, A. C., B.A

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Keefer, Wm. N., B.A Rtd. Surgeon, Major Bengal	200
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Keir, E. J Saratoga St., E. Boston, Mass. 19	891
*Kelly, Clinton Wayne Louisville, Ky 1	867
Kelly, Patrick N Wabasha, Minn 1	884
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Kennedy, J. H	1888
Kennedy, F. L., B.A., St. John, N.B.,	1888
	1889
*Kerr, James ********************************	1858
Kerr, R. A	1897
Kerry, R. A	1895
Killery, R. A	1895
Killery, R. A Montreal, Q	1862
	1859
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King Reginali. A.D., Compton, C.	1867
King H S se se se sella Buperior De, Daracia, manage	1892
King. J. H Cranbrook, B.C	1895
Kinghorn, H. McL., B.A., Saranac Lake, N.Y.,	1894
Kirby H S Vancouver, B.C	1897
Kinloch, J. A 5656 S. Halstead St., Chicago, Ill.	1886
*Kirkpatrick, R. C., B.A.,	1886
Kirkpatrick E. A	1888
*Kirkpatrick, A	1856
*Kittson, John G	1869
Kittson, Edmund G	1873
Klock, Robert H Quyon, Q	1882
Klock, W. H	1885
Klock, W. H	1895
Knapp, H. T., B.A Sackville, N. B	
*Knowles, James A.,	1866
*Kollmyer, Alex H	1856
Laberge, Ed St. Philomene, Q	1856
Lafferty, A. M	1887
Lafleur, H. A., B.A	1887
Laidley, I. H Lachine, Q	1897
Laidley, I. H Mantreal O	1897
Laing, A. L	1898
Lamb, J. A Ottawa, Ont	1891
Lambert, E. M Ottawa, O	1991

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Lambly, W. O Knowiton, Que	
Lambly, W. D	. 1894
Landor, Thomas H	1896
Lane, John A. Lang, A. A. J.	1884
Lang, C. L. Mallange, Ont.	1877
Lang, C. L	1898
Lang, W. A	1876
*Lang, Thomas D. Fairbault, Minn. Lang, M. W. Marwedth	1881
Lang. M. W.	1866
Lang, F. W.	
Langley A. F. (Ret.)	1892
The state of the s	1892
Langiois, O. X	1875
*Langrell, Richard T  Larocque, A. B	1875
Larocque, A. B	1847
Lathern, J. S. Montreal.  Lauder S. E. 176 Frield and Communication of the Communication of t	1883
Lauder S. E 176 Euclid aye., Cleveland, Ohio.	
Laurin, Edgar J Deer Lodge, Mon	1896
Lautermam, M Montreal	1881
Law, Robt	1895
Law, Robt Ottawa, Ont	1863
Law. William K	1899
	1877
*Lawrence, Henry J. H. London, W	1000
*Lawrence, Henry J. H	1879
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Leavitt, Julius Melbourne, Q	1893
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Leievre, John M Vancouver D.C	1896
	1879
Lemoine, C., J St Pierro Tolo 20-2	1866
Lennon, H., B.A Montreal, Que	1850
Lepailleur, Leonard.	1897
Leprobon John I. Montrool	1848
Leslie, A. C Fisher, Minn	1843
Laglio D C	1890
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Levi Ruhan	1897
Levi, Ruben	1876
Levy, A., B.A Montreal, Que	1899
Lewin, A. A St. John, N.B	1890
Lewis, J. F Lawrence, Mass	1894
Liddell, G. L	1890
*Lindsay, Heriot	1861
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Lockary, J. L St. Stephen, N.B	1897
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Logan, Robert	1880

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Loring, J. Brown	1883
*Loupret, Andre	1850
Loux, William Ottawa, O	1870
Loucks, W. F Stirling, O	1887
Love, A New Glasgow, N.S	1891
Love, R. H Carleton Place, Ont	1899
*Loverin, Nelson	1855
Lovering, W. T	1891
Lovett. William	1870
Low D	1889
+Lucas, T. D'Arcy	1859
Lunam, H., B.A	1881
Lundy, E. L Surgeon Major, Army	1862
Lyford, Chas. C Minneapolis, Minn	1879
Lynch, D. P	1896
Lynch, W. W Knowlton, Que	1898
Lyon, Arthur Shawville, Q	1861 1897
Lyster, H. F Richmond, Que	1001
Maas, Rudolph J 7 W. Superior St., Duluth, Minn	1880
MacCarthy, G. S Ottawa	1894
Macartney, F. W Gaspe Basin, Que	1896
Macaulay, J. F St. John, N. B	1898
Macaulay, H. R	1898
Macaulay, J. J. F	1896
MacCallum, E. C Londesborough, Ont	1897
MacDonald, Angus St. Paul, Minn	1863
*Macdonald, Colin	1853
MacDonald, R. T. E Sutton, Q	1881
Macdonald, A. D	1887
Macdonald, D. J	1897
Macdonald J S Montreal, Que	1899
Macdonald M S Marbleton, Q	1890
*MacDonald Roderick	1834
Macdonald, Roderick Aeneas Stoney Mountain, Man	1874
*MacDonnell, R. L., B.A	1876
MacFarlane, Wm	1869
Macfie James Arcadia, Florida	1869
MacIntosh Robert Rapid City, N.W.T	1863
Mack Francis Lewis Amherstburg, O	1866
*Mackie, J. R	1865
*Macklem Samuel S	1859
Mackenzie C. A.,	. 1899
Mackenzie, K. A. J	. 1881
Maclean Archibald Sarnia, O	. 1867
Maclean I W Sarnia, Ont	. 1898
MacLeav. A. A., B.A., Danville, Q.,	. 1895
*Macnabb, Francis A. L	

MacNeill, Alex., Kensington, P.E.I.	1883
Macpherson, D Montreal O	1896
Maclaggart, D. D., B.A Montreal O	1896
McAllister, D. H., B.A Belle Isle NR	1898
McArthur, Robert D	1867
McArthur, John A Winning Man	1879
McArthur, J Winning	1885
McArthur, A. D Littleton, Colo	1893
McArthur, A. W Williamstown Ont	1896
McBain, John Montreal O	1874
McCabe, J. A., B.A Windsor Mills Ont	1898
McCallum, Duncan C Montreal	1850
McCann, J. J., B.A Hopkinton Mass	1878
McCann, A. E. A	1892
McCarthy, W	1867
McCarthy, J. G Montreal, O	1888
McClure, W., B.A China	1884
McCollum, E. P Ellsworth Kan	1886
McCombe, J Dublin, Ireland	1899
*McConkey, T. C	1872
McConnell, John B Montreal	1873
*McCord, John D	1864
McCorkill, K. K. C East Farnham O	1882
McCormack, N	1885
*McCormick, Andrew G	1874
McCrae, J Detroit. Mich.	1894
McCrimmon, Donald A Lucknow O	1869
McCrimmon, John Kincardine O	878
McCrimmon, Milton Palermo. O	878
McCrimmon, A. A St. Thomas Ont	891
McCuaig, W. J	886
*McCullough, George	879
*McCullough, Michael (Hon.)	843
McCully, Oscar J. M. A Baie Verte, N.B.	879
McCurdy, John	866
	889
McDermid, Wm. E Vankleek Hill. O.	875
McDiarmid, Donald Maxville, O.	867
McDiarmid, James Hensall: O	873
*McDiarmid, John D	847
McDonald, A. R Boyd, Wis	382
McDonald, Alex Paisley, O 18	883
McDonald, H. J	385
McDonald, H. K Pictou, N.S	396
McDonald, John A Montreal	380
McDonald Tan D	873
McDoneld B C	380
McDonald, A Vankleek Hill, O	389
McDonald, H. N	
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McDonald, G	
McDonald, P. A Alexandria, O 18	
McDonald, A. L Alexandria, O 18	
McDonald, D. D	717
McDonell, Aeneas	
	and the

McDonell, A. E., J., B.A Winnipeg, Man 1888
McDonnell, Alex. R Orillia, O 1874
McDonnell, Angus C Montreal 1852
McDougall. Peter A Ottawa, O 1864
*McDougall, Peter A
McDougall D. S
McDougall G. P
tMcDougall, J. G Amherst, N.S 1896
McEachran, W. (Ret.) Denver, Col 1889
McElrov, A. S Ottawa, Ont 1897
McEwen D
*McEwen, Findlay 1870
*McEwen, H 1889
McEown, F
McFarlane, M. A Carleton Place, Ont 1888
*McGannon, E. A
McGannon A V Brockville, Ont 1896
McGannon M C Nashville University, Nash-
Ville, Tenn 1039
McGannon, T. G Lowell, Mass 1886
McGarry, James Drummondville, O 1858
McGeachy, William Iona, O
*McGill, William
*McGillivray, Donald
McGowan, Henry W
McGrath, Thomas 1849
*McGregor, Duncan
McGuigan, W. J
*McGuire, Bernard D 1873
McGuire, J. C
McIlmoyl, Henry A Ogdensburg, N.Y 1876
McInerney, James P St. John, N.B 1884
McInnes, Walter J Vittoria, O 1865
*McIntosh, James
McIntosh, L. Y
McIntosh, Donald J Vankleek Hill, O 1870
McIntosh, D. H Pakenham, Ont 1889
McIntyre, J. D
McIntyre, Peter A Souris, P.E.I 1867
McKelcan, George Lloyd Hamilton. O 1860
McKenzie, S. R
McKenzie, J. T Rossland, B.C 1884
McKenzie, R. T Montreal, Que 1892
McKenzie. B. E., B.A 14 Bloor St. W., Toronto, O. 1880
McKenzie, L. F Dudswell, Que 1894
McKay, H. H New Glasgow, N.S 1890
McKay, John Woodville, O 1869
McKay, J. G Moorewood, Ont 1899
McKay Walter
McKay, J. M
McKay, D. T
McKay R. B., B.A
McKenty, J. E 117 Taylor St., Waltham, Mass. 1892
*McKercher H
McKechnie, R. E Nanaimo, B. C 1890

McKechnie, W. C	
McKee, G. L	899
McKinley, John K.	890
McKinnon, A. I	878
	892
McKinnon, H. W	897
McKinnon, G. W	887
McKinnon, G. W	888
1. II Liverpool, N.S 19	889
	895
Souris, P.E.I.	869
Paisley O	861
Ormstown O	372
McLaren, J. F	894
McDalell, D. C., B.A., (Falt O	380
Bonhoola Ont	398
Rengon Winn	394
McDean Alexander	360
Kingston NR	394
McLean, J. R., B.A., Arnprior Ont	
McLean, J. W N. Sydney C.P. N.S.	
Fergus Falls Minn	
McLean, I. M., B.A., Vancouver B.C.	
McLellan, A. A Souris DEI	
McLennan, A. A.	
McLellan, A. C.	
McLennan, D. A. Montreel Con	
McLellan, Jas. H Summerside BET	
McLennan, D Martintown O	
McLennan, K Alexandria Ont	000
*McLeod, Arch., B.A.	
McLeod, James	
McLeod. J.	
McManus, H D	
McMartin D R	
McMeekin I W	
McMicking George	
*McMillan Aenegg T	
*McMillan D T.	
McMillan John	100
McMillan C A	
McMillan, J. H	1
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McMorrine, R. T	
McMurray, Samuel	
Madialla a r	
McNolly II II	
McNally W P	
McNally, W. P Abrams Village, P.E.I 1897	
McNally, W. P	4
McNally, W. P Abrams Village, P.E.I 1897	4 9

*McNeece, James
*McNeil, Ernest
McNiece, T. G
*McNulty, M
Macphail, J. A., B.A Montreal, Q 1891
McQuillen, James Marquette, Mich 1874
*McRae, George
McRae. J. D
McRae, W. R Baddeck, C.B 1887
McTaggart, Alexander London, Ont 1869
*McNean, John M
*Madill, John
Mader. A. I New Canada, N.S 1891
Maher, J. J. E
Main. C. G
Mair, A. W
Major, Geo. W., B.A. (Ret.) England
Malcolm, John Rolph Scotland, O
*Malhiot, Alfred
Malloch, Edward C Ottawa, O 1863
*Malloch, William B
Malloch, N
Mallory, Albert EColborne, O
Maloney, M. J
Manchester, G. H
*Marceau, Louis T
Markell, Richard S
*Marr, Israel P
Marr. Walter H W. 33rd St., New York 1859
Marston, Alonzo W
Marston, John J
Martel, Ovide St. Paul, Minn 1883
Martin, M. Mc
Mass
Martin. C. F., B.A Montreal, Q
Martin, R. H
Martin, S. H
Martin, J. M
*Mason. J. L., M.A
Matheson, R
Mathewson, G. H., B.A Montreal
+ Mathieson, John H St. Mary's, O
*Mathieson, Neil
Mayrand, William St Andrews, Q 1847
May, G. F
Meade, C. J
Meahan. J. C Bathurst, N.B 1878
Meane. John Staff Surgeon-Major Army 1860

	Meek, Jas. A	1875
	"Meigs, Maicolm R	1865
	Meikle, W. F Lansdowne O	1892
	Menzies, John BLachute, Q	1879
	*Meredith, Thomas L. B	1842
	Merkley, E. A Edwards, N.Y	1897
	Merrick, J. H	1895
	Merritt, D. P., B.A 313 W. Clinton St., Elmira,	
	Metcalfe, Henry J	1884
	Metcalfe, Henry J Thurso, Q Metclafe, F. T	1876
	Mewburn, F. H Lethbridge, N.W.T	1888
	Midgley, R. J	1897
	Mignault, Henri A St. Hyacinthe Q	1860
	Milburn, J. A Peterborough Ont	1897
	Mignault, L. D., B.A Montreal	1880
	*Miller, R	1870
	Mills, Thos. W., M.A Montreal	1878
	Mills, W. C Chateauguay NV	1893
	Miner, Frank L Honolulu Hawaii	1877
	Mines, W.	1874
	Mitchell, Fred. H Delaware	1871
		1896
	Mitchell, W	1894
	Moffatt, John E	
		1861
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	Molson Wine 4	1896
	Mongenais, Napoleon	1874
	Monk Cooper II	1865
		1875 1898
	Moore, Charles S London O	1874
	Moore, Jehiel T. Minneapolis Minn	1874
	Moore, Joseph	1852
1	Moore, Richard	1853
4	Moore, Robert C	1869
1	Moore, William	1881
1	Moore, J. M 3977 Cottage Grove Ave., Chi-	
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7	Morrin, Joseph (Hon.)	850
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7	Morris O	.897
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7	Morse, L. H., B.A., Digby, N.S.	897
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Mount John W
Mount, John W
Mowat. M. M
Mowatt, W., B.A Montreal, Q
Muirhead, D. A
Mulligan, E. A Aylmer, Q
Munro, Alexander Montreal
Munro, James T Maxville, Ont
45 W. 39th St., New 10th 1000
Marshar E E St. John, N.B
*Manager Charles H RA
Murray, D
Murray, D.A
Murray M W New Decatur, Alabama 1850
Musgrove W J Drayton, Dak
Myers, D. A Prentiss, Wis 1898
Mach A C
Neil, J
Marill D W
Noilson W
Nollag M
Nollog John A
Nolson Wolfred I) Him will the Wolf of Granier of Larry and the larry an
*Nelson, W. M. F
Nesbitt, Jas. A 55 E. 3rd St., Salt Lake City, Utah 1868
Nicol, Wm. R
*Nicholls, Chas. R
Nicholls, A. G., M.A
Nicholson, F. J., B.A Victoria, B.C 1899
Nicholson, F. J., B.A.
Norton, Inomas Shortant, or
Norman, T. J King, O 1887
Oakley, Wm. D Streetsville, O 1877
O'Brien Thos. J Minneapolis, Minn 1882
O'Brien, Robert S Nanaimo, B.C 1873
*O'Brien. David
O'Brien, J. R., B.A., Ottawa, Ont 1899
O'Brien, T. J. P
O'Brien, Timothy Dacotah
O'Callagan, Cornelius H
O'Callaghan, T. A., B.A Worcester, Mass 1880
*O'Carr, Peter
*O'Connor, Daniel A
O'Connor, E. J Ottawa, O
O'ConnorC
O'Dea, James J Stapleton, Richmond Co., N.Y. 1859
Odell, William
O'Keefe Henry Minto, Dakota 1882
Ogden H V. B.A Milwaukee, Wis 1882
Orden C I. B.A Warrensburg, N.Y 1894
Ogilvy, C., B.A Montreal, Que 1898
O'Leary, James St. Pascal, Q 1866
O Licary, Cameron, in

O'I come Botulale	
O'Leary, Patrick Mayo, P.Q	1859
*Oliver, James W	1867
Onver, A. J	1890
Onver, W Rockburn, Q	1895
Oppenheimer, S. S Greenwood RC	1898
O Remy, Charles Toronto. O	1867
Orr, A. E Montreal	1888
Orr, J. E Detroit	1888
Orton, T. H	1886
Osborne, A. B	1886
O'Shaughnessy, L. J	1898
Osler, William, LL.D	1872
Outhouse, J. S., B.A St. Andrews, N.B	1898
outhouse, o. S., D.A St. Allurews, N.B	1000
*Padfield, Charles W	1868
Painchaud, Edward S. L Varennes, Q	1848
Palmer, Loran L	1860
Palmer, A. J	1897
	1885
Poller Martines London, Eng	1864
*Pallen, Montrose A	1897
Pallister, W. T	
*Paquin, Jean M	1843
*Paradis, Henri	1846
*Paradis, Pierre E	1867
*Park, George A	1877
Park, P. C	1888
Parke, Charles SQuebec, Q	1866
Parke, G. H Quebec, Q	1891
Parker. Rufus S 1304 Washington St., Boston, M	1866
Patrick, D	1896
Paterson, F. P St. Martins, N.B	1898
*Patterson, James M	1855
Paterson, James Winning Man.	1864
Patterson, R. W Baltimore, Md	1898
Faterson, L	1892
Pattee, George.	1858
Fattee, Richard P Vankleek Hill O	1874
Fatton, Edward K.	1867
ration, H. M Montreal	1890
Peake T D	1892
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Terrailly Victor Montagel O.	1881
Perrier John	1852
Perrier, John	1868
Perrigo, James, M.A Montreal	1870
*Perry, H. R.	1873
Peters, C. A St. John's, Nfid	1898
Phelan, C. J. R Waterloo, Q	1865
*Phelan, James B	1874
Phelan, E. D	1892
Thelan. Joseph P	1854

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*Pickup, John W	1898
Pigeon. W. H Peterbolough,	1880
Chicago, III.,	1848
and a Alemia	1864
Pinet Alex R St. Laurent, W	1886
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Vancouver, D.C.,	1880
Brier Hill, N. I	
Minneapolis, Willing.	1884
Powassan, U	1887
New Bedford, Mass	1887
Detta I Mo. 1127 N. Clark St., Chicago, Ill.	1888
Powerette A Courthrope Sarnia, O	1860
Ottawa O	1885
Powell Ignael Wood Victoria, B.C	1860
*Powell Newton W	1852
Powell Robert H. W 199 Rideau St., Ottawa, O	1875
Powers, George W Eaton Cor., Q	1861
Pewers, Lafontaine B Port Hope, O	1867
Powers, M., B.A	1898
Prescott A H Queenbury, N.B	1896
Price B S 129 Union St., St. John, N.B.	1895
Pringle George Cornwall. O	1855
Pringle A F Northfield, Minn	1880
Pringle, W. R Schreiber. O	1886
Pritchard, J., B.A	1894
Prosser, W. O Le Mars, Ply Co., Iowa	1874
Proudfoot, John S Suspension Bridge, O	1868
Proudfoot, Alex	1869
Proulx, Phileas	1844
*Provost, E. Gilbert	1859
Pulford. F. W	1880
*Quarry, James J	1868
Quay. D D Port Hope, Ont	1895
*Quesnel. Jules M	1849
Quirk. E. L	1888
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*Rae, J. Hamilton (Hon), LL.D	1853
*Rainville Pierre	1863
Rajotte E C F Montreal, Que	1899
Rambaut, J Langsingburg, N.Y	1871
Rattray Charles J	1871
Rattray James C Cobden, O	1874
Richmond Olivier	1850
Baymond Alf Seattle, Wash	1886
*Baymond G. H., B.A.,	1886
Pood Herbert H	1861
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Redner, Horace P Lonsdale, O
Reddick, Robert Lonsdale, O
Reddy, Herbert L., B.A. Rossland, B.C. 1876 *Reddy, John (ad eun.). 1876
*Reddy, John (ad eun.). Montreal 1876 Reed. Thomas D. Montreal 1856
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Reid. John A
Reid, Alex. Peter. Sault Ste. Marie, O. 1871 Reid, J. T. Drayton Del 1858
Reid, J. T.
Reid, Kenneth
Reilly, W. J
Renner, W. Scott
Reynolds, T. W. Buffalo, N.Y. 1884 *Reynolds, Robert T. Hamilton, O. 1881
*Reynolds Robert 7 1881
*Reynolds, Thomas
Richard, Marcel. 1842
Richmond, P E
Ridley, Henry Thomas, 1873
*Riel, Etienne R R
*Riley, Oscar H. 1857
Rimer, F. E
Rinfret, Ferdinand R
*Rintoul, David M
Richardson, J R
Richardson G C 1865
Richardson, A. (Ret.)
Richardson, H J
Riordan, B. L
Ritchie, A. A. Ring St. W., Toronto, O., 1880
Ritchie, A. F., B.A., Dulydle, N.B., 1897
Ritchie, John L
Cape Colony,
Robert, G. C
*Roberts, Edward T
Roberts, John E., B.A
Robertson, A. M
†Robertson, A. A., B.A
Victoria PA
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Robinson, Wesley

Robitaille, Louis New Carlisle, Q 1860
Robitaille, L. T., Hon Quebec 1858
+Roddick Thomas G Montreal
*Rodger. Thomas A
Rogers, E. J. A Denver, Col
Bogers F. E Brighton, Ont
Rogers, Amos
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Portage La Prairie, Man 1896
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Ryan, G. H. W Montreal, Que
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*Savage, Alex. C
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Sharp Isaac C
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*Smith, Edward Acadia Mines, N.S 1851
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*Smith, John
Smith, Norman A
*Smith, William
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*Squire, Willingate, Nfld 1878
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Staples, C. A., Clen Allen, Wis 1872
Stark, George 1
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Stevenson, Charles N
Stevenson, Charles N
Stevenson, Hans
Stevenson, J. M
*Stevenson, John L
*Stevenson, John A
Stevenson, Robert A
Stewart, Alexander
Stewart, Andrew
*Stewart, John Alexander
Stewart, J. O
Stewart, J. O
Stewart, A. D
Stewart, W. G., B.AMontreal, Que1888 Stevenson, James
Stevenson, James
Stimpson, Alfred O
St. John, Leonard.
Stockwell, H. P.
Storrs, A
Strobridge, James Gordon
Struthers, A. D
Struthers, B B
Stroud, C. S
*Sutherland, Fred. Dunbar
Sutherland, G. R
Sutherland, Walter
*Sutherland, William. Valleyfield, Q 1871 *Sutherland, William
*Sutherland, William. 1836 Sutherland, W. H. See View D. W. 1870
Sutherland, W. H. Sea View, P.E.I. 1870 Sutherland, William R. Montreel, P.E.I. 1899
Sutherland, William R. Sea View, P.E.I. 1899 Sutherland, J. A. Montreal. 1879
Sutherland, J. A. Montreal. 1879 Switzer, Egerton R. Seline Kr. 1896
Tabb. Silas E M A Silas E M A
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*Tait, Henry Thomas
Taplin, M. M.
Taylor, Wm. H
Taylor, Sullivan A
Taylor, J. N.       1892         Tees, J., B.A.       1892
Tees, J., B.A
Telfer, W. J
Tetrean, T Lawrence, Mass 1898 Tew. H S
Tew, H. S
Temple, James A.       205 Simcoe St., Toronto.       1865         Thayer, Linus O.       Montreal.       1859
*Theriault F D
*Theriault, F. D
Therien, Honore.       1863         Thomas, H. W.       Montreal, Que       1897
Inompson, Wm. E Dawson City 1882

Thompson, J. A
Vermont 1897
Thompson, J. H
Thompson, F. E Montreal, Q 1890
Thompson, F. L
Thompson, J Sumner, P. O. Neb 1892
Thornton, Hastwell W., B.A New Richmond. Q 1882
Tierney, J. A Fallowfield, Ont
Trainor   B
Travers, J. B
*Trenholme, Edward Henry
Troy, W
*Trudel, Eugene H
Trueman, J. E
Tunstall, C. A., B.A
Tupper, T. S Fredericton, N.B 1896
*Turgeon Louis G
Turnhull R Moose Jaw, N.W.T 1000
Turphull T Stratford, Ont 1899
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Turnstall, Simon J., B.A Vancouver, B.C 1875
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Usher, Henry walkerton, or
Vannorman, J. M Detroit, Mich
*Wercoe Henry I
*Wiget Tohn R
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Vipond, C. W Montreal 1895
Wade, A. S
Wagner A Diver
Wagner G C
*Wagner William H 1844
Wainwright, F. R Richmond, Va. U.S.A 1897
Wainwright, S. F. A St. Andrews, Que 1897
Wakeman, William
Wales, Benjamin N Robinson, Q 1874
*Walker, Robert
Walker, J. L
Walker, W. G
Walker, D. F
*Walker, Felix D
Walker, P. McH.       Grafton, N.D.       1898         Wallace, Isaac U.       Milton, Q.       1874
Walsh, Edmund C Madrid, N.Y 1866
Walsh, W. E
Walsh, L. N Ormstown, Q 1892
Walsh, L. N
Walton, George O

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*Wanless, John R
Morristown Winn
Walt, Michael OB Montroal
Warnelord, P. H Hempton M. D.
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Higher Minn
Wellington BC
Watson, N. M Red Lake Folla Winn 1001
Watsun, J. H., B.A., Rarbadoog WIT
London O
*Weir, Richard Port Neuf, Q 1851
*Weir, Richard. Port Neur, Q. 1851  West, J. 1852  Westley, R. A Montreal, Que. 1898
Westley, R. A
Wetmore, F. H
Wetmore, F. H
Wheeler, F. H
Wheeler, F. H
*Wherry, John. Florenceville, N.B. 1896 Whillans, H. A. 1862
Toronto Ont
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Montreal Montreal

Wilson, W. A Derby, N.B	
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Derby, N.D.,	
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Toronto, U	899
Potsdam, N.I	
TITLE C C T PA Montreal, Q	68
Transfer A M A Hamilton, O	60
Stan Surgeon Aim;	885
Mitchell, U	349
Wood, George C	363
*Wood, George	
Wood, Ed. S Germania Bldg., St. 1 ati,	865
Wood, Hannibal W St. Johns, Que	895
Wood, D. M	896
Wood, W. S	864
Woodful, Sam PrattSurgeon Major	899
Woodley, J. W	888
Woodruff, T. A State St.,	
Woodruff, F. H 13 Sullivan Block, Seattle, Washington Terr 1	890
Washington Terr	1875
Woods, Jno. J. E	1875
Woolway, C. J St. Paul, Minn	1853
*Workman, Benjamin	1835
*Workman, Joseph	1863
*Worthington, A. N Sherbrooke, Q	1886
Wright, John W., B.A	1878
Wright, Henry P	1872
*Wright, Stephen	1869
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Crannerry Hall, London, Eller	1895
25 Ampton St., London W.C.	1868
Wylde, C	1889
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Yates, H. B., B.A Montreal, Que	1893
Barbadoes, W.I	1893
Metcalle, U	1894
attion a Dillio P	1876
Ridgetown, U	1873
- Barton, VI., ., ., ., ., .,	1887
Dayton, Onlo	1888
Trilliams	1870
Yorston, F. S	1890

<sup>\*</sup> Deceased. + Medalist. .

# EXAMINATION PAPERS, SESSION 1898-99.

#### MATRICULATION EXAMINATION.

#### LATIN.

THURSDAY, SEPTEMBER 15TH: -2 TO 5 P.M.

#### I. LATIN GRAMMAR AND COMPOSITION.

- I. Decline together: quidam metus, frater meus, nullus civis.
- 2. Compare: parvus, vetus, maledicus; prudenter.
- 3. Give the genitive singular, genitive and dative plural, and gender of: corpus, robur, manus, plebs, miles, cor.
- 4 Write out the singular and plural of the future indicative and present subjunctive of: sequor, nolo, adsum.
- 5. Give the rules for expressing in Latin, "motion to a place" and "motion from a place."
- 6. Translate and fully explain the grammatical construction of words printed in italics:
  - (a) perfacile factu esse illis probat conata perficere.
  - (b) pontem in arare faciendum curat.
  - (c) Boii novissimis praesidio erant.
  - (d) lacrimis oculos suffusa nitentes.
- (e) infert se saeptus nebula—mirabile dictu—per medios miscetque viris, neque cernitur ulli.
  - 7. Translate into Latin:
- (a) The father, moreover, had held the sovereignty during many years.
  - (b) Their customs require him to plead his cause under arrest.
    (c) We will either persuade them or compel them by force.
- (d) Will you promise to give Caesar satisfaction for the wrongs you have done him?
  - (e) If I had needed anything of you, I would have come to you.

### II. TRANSLATION AT SIGHT.

Varus, dux Romanus, ab Arminio in Germania proelio victus est. Qui cum vidisset iam nullam esse spem salutis, gladio stricto, sese occidit. Caput eius postea a principe Germanorum ad Augustum Romam missum est. Ea clades (disaster) tanto dolore Augustum affecit ut multos postea menses id nunquam videret quin cottidie clamaret 'Redde mihi, Vare, meas legiones.'

### III. CAESAR AND VIRGIL.

Translate:

(a) Quamobrem placuit ei, ut ad Ariovistum legatos mitteret, qui ab eo postularent, uti aliquem locum medium utriusque colloquio deligeret: velle sese de re publica et summis utriusque rebus cum eo agrere. Ei legationi Ariovistus respondit: Si quid ipsi a Caesare opus esset, sese ad eum venturum fuisse; si quid ille se velit, illum ad se venire oportere. Praeterea se neque sine exercitu in eas partes Galliae venire audere, quas Caesar possideret, neque exercitum sine magno commeatu atque molimento in unum locum contrahere posse.

IV.

Capuam a Calibus reditum est, Atellaque et Calatia in deditionem acceptae: ibi quoque in eos que capita rerum erant animadversum. Ita ad septuaginta principes senatus interiecti, trecenti ferme nobiles Campani in carcerem conditi: alii per sociorum Latini nominis urbes in custodias dati variis casibus interierunt, multitudo alia civium Campanorum venum data. De urbe agroque reliqua consultatio fuit, quibusdam delendam censentibus urbem praevalidam propinquam inimicam: ceterum praesens utilitas vicit, nam propter agrum, quem omni fertilitate satis constabat primum in Italia esse, urbs servata est ut esset aliqua aratorum sedes.

### GEOMETRY.

FRIDAY, SEPTEMBER 16TH:-MORNING 9 TO 12.

I. If a parallelogram and a triangle be on the same base and between the same parallels the parallelogram is double the triangle.

2. If a right line be divided into any two parts, the rectangle under the whole line and one part is equal to the square of that part together with the rectangle under the parts.

3. Angles in the same segment of a circle are equal.



4. Draw a tangent to a circle from a point given without it.

5. Bisect a given arc of a circle.

If a tangent to a circle is parallel to a chord the point of contact will bisect the arc cut off by the chord.

6. Show that Props. 9 and 10, Euclid, Bk. II., are included under the following statements:—

The sum of the squares on two straight lines is equal to twice the sum of the squares on half their sum and on half their difference.

7. Two right-angled triangles which have their hypotenuses equal, and one side of the one equal to one side of the other are equal in every respect.

8. In any triangle the square on the side subtending an acute angle is less than the sum of the squares of the sides containing it by twice the rectangle contained by either of these sides and the part of it intercepted between the acute angle and the pependicular let fall on it from the opposite angle.

(a) In any triangle the sum of the squares on two sides is equal to twice the square on half the base, together with twice the square on the bisector of the base.

#### ALGEBRA AND ARITHMETIC.

FRIDAY, SEPTEMBER 16TH:-2 TO 5 P.M.

I. Find the highest common factor of

$$x^2 - 4x + 3$$
 and  $4x^3 - 9x^2 - 15x + 18$ .

2. Resolve into factors  $(x^2 + 2 y)^2 - 81$ ;  $x^2 - 35 xy + 216 y^2$  and  $8x^2 - 6xy - 9y^2$ .

3. Simplify the expression

$$\left\{ \left( \frac{x+y}{x-y} \right) + \frac{x^2 + y^2}{x^2 - y^2} \right\} \div \left\{ \frac{x-y}{x+y} - \frac{x^3 - y^3}{x^3 + y^3} \right\}$$

4. Add together  $\frac{2}{5}+1\frac{8}{6}+\frac{7}{8}$  and devide sum by the difference be tween  $\frac{7}{8}$  and .035. Reduce result to a decimal.

5. Divide the number 100 into two parts such that the square of their difference may exceed the square of twice the less part by 2000.

6. Solve the following equations:—

(a) 
$$\frac{x}{2} + \frac{x+1}{7} = x-2$$

$$(b) \ \frac{4x+17}{x+3} + \frac{3x-10}{x-4} = 7$$

(c) 
$$\frac{x^2 - a^2}{b \ x} - \frac{a - x}{b} = \frac{2 \ x}{b} - \frac{a}{x}$$

(d) 
$$ax + by + c = 0$$
;  $a'x + b'y + c' = 0$ .

(e) 
$$\begin{cases} 7x - 4y + 11z = 17; 8x + 5y - 7z = 21\\ 10x + 23y - 43z = 29. \end{cases}$$

$$(f) \quad \frac{x}{x^2 - 1} = \frac{15 - 7x}{8(1 - x)}$$

7. Expand  $(a - x)^9$  by the Binomial Theorem.

8. If the pressure of air is 14.6 lbs. to the square inch, express this in grammes to the square centimetre, a decimetre being 3.937 inches and a gramme being 15.43 grains.

9. Reduce .037185 to a vulgar fraction.

#### ENGLISH DICTATION.

Monday, 19th Sept :- Morning, 9 to 9.30.

They loved their sequestered home; I too, in the grey, small antique structure, with its low roof, its latticed casements, its mouldering walls, its avenue of aged firs, all grown aslant under the stress of mountain winds, its garden dark with yew and holly, and where no flowers but of the hardiest species would bloom, found a cham both potent and permanent. They clung to the purple moors behind and around their dwelling, to the hollow vale into which the pebbly bridlepath leading from their gate descended; and which wound between fern-banks first, and then amongst a few of the wildest little pasture-fields that ever bordered a wilderness of heath, or gave sustenance to a flock of grey moorland sheep, with their little mossyfaced lambs:-they clung to this scene, I say, with a perfect enthusiasm of attachment. I could comprehend the feeling, and share both its strength and truth. I saw the fascination of the locality. I felt the consecration of its loneliness; my eye feasted on the outline of swell and sweep, on the wild colouring communicated to ridge and dell, by moss, by heath-bell, by flower-sprinkled turf, by brilliant bracken and mellow granite crag. These details were just to me what they were to them-so many pure and sweet sources of pleasure. The strong blast and the soft breeze; the rough and the halcyon day; the hours of sunrise and sunset; the moonlight and the clouded night, developed for me, in those regions, the same attraction as for them-wound round my faculties the same spell that entranced theirs.

#### ENGLISH ESSAY.

MONDAY, 19TH SEPT.:-MORNING, 9.30 TO 10.30.

Write an essay of at least two pages on any one of the following subjects.—

- (a) The invention of printing.
- (b Bicycling.
- (c) Home-keeping youth have ever homely wits.

#### ENGLISH GRAMMAR.

Monday, 19TH SEPT .: - Morning 10.30 to 12.

1. Mention the language from which each of the following words is taken, and in the case of Latin state, giving dates, the period of which each Latin word belongs: Bandit, alcohol, altar, fealty, Doncaster, chivalry, Derby, pundit, armada, cherub.

2. State whether the sounds corresponding to the following letters are (1) sonant or surd, (2) mute or spirant, (3) labilal, dental,

guttural or palatal: k, d, z, f, th, m.

- 3. Define Common, Singular and Proper nouns, and give an instance of each. Show that a Collective noun may take a singular or a plural predicate. What difference in thought is thereby shown? Form an Abstract noun from (a) an adjective, (b) a verb, (c) a Common noun.
- 4. Give the feminine form or word corresponding to—ogre, peacock, earl, sloven; the masculine form or word corresponding to—spinster, abbess, ewe, goose. State whether you would use he or she when personifying Justice, Earth, Death, Time, Nature. Write the plurals of storey, reef, dilettante, octavo, pailful, four-in-hand, manservant, attorney-general.

5. What rules of comparison do the following words illustrate: Larger, gayer, hotter, more honourable, greyer. Point out the difference in meaning between later and latter, elder and older, further and farther.

- 6. Classify the following pronouns, and then state regarding each whether it is used (a) as a Substantive pronoun or (b) as a Substantive and an Adjective pronoun or (c) as an Adjective pronoun only: We, that, my, self, which. Show, giving an instance of each, that adverbs are derived from adjectives, nouns, pronouns. Classify the following adverbs—well, little, then, ever, near.
  - 7. Parse and analyse:

It must follow as the night the day; Thou can'st not then be false to any man. 8. Explain the terms orthooepy, phrase, apposition, hybrid, ana-coluthon. Illustrate the last four.

#### ENGLISH LITERATURE.

Monday, 19th Sept.:—Afternoon, 2 to 3.30.

SHAKSPERE, Richard II. Scott, Lady of the Lake.

- 1. Briefly sketch the character of the Bishop of Carlisle, Bolingbroke, King Richard, York, and, as you do so, refer to incidents in the play in support of your statements.
- 2. Act IV, Scene I. Westminster Hall; give an outline of the scene after the entrance of Richard.
- 3. Explain the meaning of the following expressions, state from whom they come and where they occur:
  - (a) Doubly portcullised with my teeth and lips.
  - (b) Fantastic summer's heat.
  - (c) And hope to joy is little less in joy Than hope enjoyed.
  - (d) Razed out my impress.
  - (e) like a deep well That owes two buckets.
- 4. Give the meaning (and nothing else) of high-stomached, inhabitable, parle, appellant, benevolences, The Beggar and the King.

В.

- 1. Trace Fitz-James through the poem.
- 2. Write brief notes on Ben-Shie, Ben Venue, Coir-Uriskin, Stumah, Lufra, Teith, Saint Bride, Loch Voil, Bochastle, Clan Alpine, Coilan togle, kern, quarry, a Lennox foray, stag of ten.
- -3. From the Lady of the Lake, illustrate, chiefly in your own language, Scott's power as a poet when dealing with the following subjects:
  - (a) A mountain peak.
  - (b) Feminine beauty.
  - (c) Motion in a landscape.
  - (d) Colour.

#### ENGLISH HISTORY.

Monday, Sept. 19th:—Afternoon, 3.30 to 5.

Answer any five questions.

1. Discuss (a) Roman government of Britain.

(b) The relations of Alfred with the Danes.

(c) The character of Canute.

2. (a) What do you know of the contest between William Rufus and Anselm.

or,

(b) Of that between Henry II. and Becket.

3. Indicate the most important feature of Edward I's. reign, and emphasize particularly his constitutional measures.

4. Name three principal statesmen who served Henry VIII., and describe the work of each.

5. Explain the relations of James I.

(a) To Spain

or

(b) to Parliament.

6. What wars were fought by England, 1688-1714? Add details.

7. Mention the main events of the years 1840-50.

#### FRENCH.

#### SEPTEMBER.

. Traduisez en français:

But if the United States is essential to England, England is essential to the United States, in the face of the enemies who fear and hate us, and who, but for fear, would already have fleets upon our shores. More than this, the prosperity of England is our prosperity. England is our best, almost our only certain, market. She is the chief vent for our surplus production, and anything which cripples her purchasing power must react on us. For years past, she has been losing her commanding industrial position. Her most lucrative trade to-day lies with the Far East; and if she is shut out there, her resources will be seriously impaired, and the money she no longer earns cannot be spent for food.

The Forum.

2. Traduisez en anglais:

Lors de l'affaire de Quiberon, mon père commandait un détachement de soldats de marine. A peine débarqué, il fut atteint d'une balle en pleine poitrine, et allait être pris par les républicains, lorsqu'un gentilhomme français, avec qui il s'était lié pendant la traversée le chargea sur ses épaules, et le porta jusqu'aux embarcations anglaises. Peu de temps aprés son retour en Angleterre, mon père mourut de sa blessure. Bien que je fusse tout enfant, il m'avait fait promettre de ne rien négliger pour me rencontrer plus tard avec celui qui lui avait sauvé la vie. A plusieurs reprises j'ai inutilement petit-fils. Je vous écris donc pour faire votre connaissance. cherché à savoir ce que ce gentilhomme était devenu, lorsque tout dernièrement, j'ai appris que vous existiez et que vous étiez son

3. Indiquez la différence entre ce et se, ces et ses, cet et cette, ciels et cieux, aieux et aieuls, travails et travaux, en et dans.

4. Quelles remarques avez-vous à faire sur l'orthographe des verbes terminés à l'infinitif par: cer, ger, eler, eter?

5. Conjugez les temps primitifs des verbes suivants: hair, venir, aller, voir, rendre.

6. Indiquez quatre cas de l'emploi de subjonctif et citez un exemple pour chaque cas.

7. Rendez en français:

The red rose which you have; the white flower of which you speak. My grandfather of whom you are thinking. What he says is true. The man whose wife is sick; the men whose sons have arrived. The king in whose palace I have been. He whom we heard is gone.

8. Mettez au pluriel les mots suivants et indiquez la règle et les exceptions, s'il y en a, qui se rapportent à chaque cas; noix, cheval, enfant, clou, souris, cheveu, bétail, bleu, anneau, chef-d'oeuvre, essuie-main, chou.

#### CHEMISTRY.

#### SEPTEMBER 19TH:—MORNING, 9 TO 12.

I. What three kinds of chemical action are there? Give an example of each

2. How may pure water be prepared? Give a sketch of the apparatus that you would employ.

3. What solvents would you use if you wished to make solutions of (1) Gold, (2) Zinc, (3) Iodine, (4) Sulphur, (5) Phosphorus

4. What are the probable changes that take place when Copper is dissolved in Nitric Acid? Give equations.

5. How is Nitric Acid made? What are .ts properties? How would you distinguish it from Hydrochloric Acid?

6. Explain the relations of salts to acids and bases, and the meaning of the term neutralization?

- 7. How is Sulphur Dioxide prepared? What are its properties and uses?
- 8. What do you understand by the statement that Carbon can do chemical work?
- 9. State briefly how you prepare the two Oxides of Carbon. Compare them as to their properties.
- 10. Give the formulae of any five of the following compounds: Potassium Chlorate, Zinc Sulphate, Sodium Hydroxide, Marsh Gas, Sodium Sulphite, Borax, Orthophosphoric Acid.

#### PHYSICS.

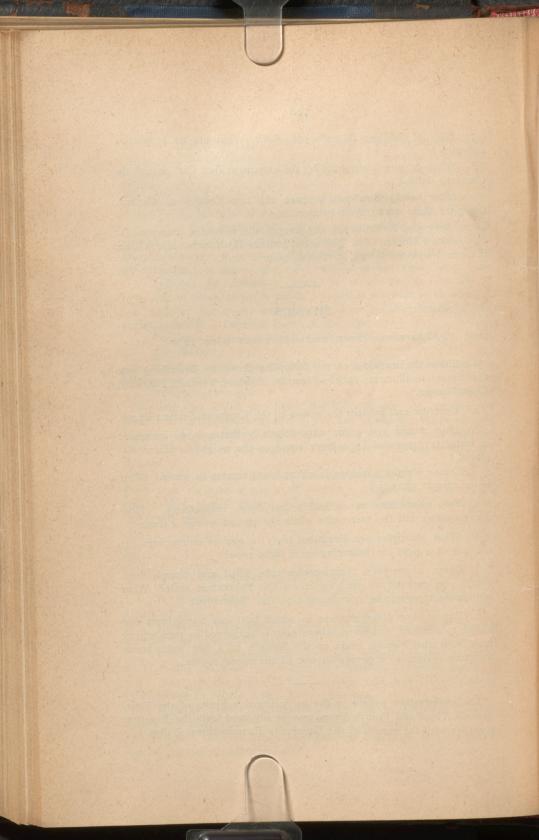
WEDNESDAY, SEPT. 21ST:-MORNING, 9 TO 10.30.

- 1. Show the meaning of the following terms by describing one experiment to illustrate each:—Viscosity, Adhesion, Porosity, Elasticity, Crystallization.
  - 2. Describe and explain the action of the Common Suction Pump.
- 3. How would you prove experimentally that a body immersed in water is supported by a force equal to the weight of water displaced?

A stone weighs 3 ounces in air and 2.54 ounces in water. What is its specific gravity?

- 4 Two pendulums are 2 and 5 feet long respectively. How many swings will the first make while the second swings 4 times?
- 5. What principles are illustrated in (1) a pair of nutcrackers, (2) the use of a pole for balancing on a tight rope?
- 6. Given a mercury thermometer tube filled and closed; how would you proceed to graduate it on the Fahrenheit scale? What centigrade temperature corresponds to 62° Fahrenheit
- 7. Explain the different ways in which heat can travel from one object to another, and show where each is employed in transferring heat from the blazing coals in the furnace of a hot water-house warming system to a person in one of the upper rooms.

The examination papers in the professional subjects of the First, Second, Third and Fourth Years may be obtained from the Registrar together with the results of the University Examinations of 1899.



# McGill University. FACULTY OF MEDICINE.

SESSION 1898-99.

# HONOR AND CLASS LISTS.

The total number of students registered in the Faculty of Medicine for the Session 1898-99 was 447, made up as follows:—

First Ye	ear	13
Second	Year	120
Third Y	Tear	9:
Fourth	Year	83
	The Residence of the Control of the	
		436
Of which there were from	Quebec	
	Optomic	129
	Ontario	124
	New Brunswick	• 58
	British Columbia	9
	United States	38
	England	3
	Jamaica	2
	Magdalen Islands	1
	Nova Scotia and Cape Breton	27
	Prince Edward Island	27
	Northwest Territories	4
	Newfoundland	8
	Ireland	3
	Manitoba	3
		436
Graduate	es in attendance	11
	Grand Total	447

### FOURTH YEAR.

# PRIZES AND HONORS.

HOLMES GOLD MEDAL for highest aggregate in all subjects forming the Medical Curriculum,

A. H. GORDON, of St. John, N. B.

FINAL PRIZEMAN, for highest aggregate in Fourth Year Subjects,

T. G. McNiece, of Carsonby, Ont.

CLEMESHA PRIZE for Clinical Therapeutics, F. J. NICHOLSON, B.A., of Victoria, B.C.

McGILL MEDICAL SOCIETY SENIOR PRIZES. First Prize, T. G. McNIECE. Second Prize, F. T. TOOKE, B.A.

# HONORS IN ALL FINAL SUBJECTS.

- Gordon, A. H. McNiece, T. G. Turnbull, T.

- 4 Nicholson, F. J., B.A. 5 O'Brien, J. R., B.A.

- 6 Murphy, E. F., 7 Scott, J. F. 8 Brown, W. F., B.A. 9 Burnett, W. B., B.A. 10 Drier, N. E.

### HONORS IN GYNAECOLOGY.

- McNiece, T. G.
  Shore, R. A. A., B.A.
  O'Brien, J. R., B.A.
  Nicholson, F. J., B.A.
  McNaughton, F. M. A., B.A.

- Turnbull, T.
  Murphy, E. F.
  Gordon, A. H.
  Fitzgerald, C. T.

- 10 Brown, W. F., B.A.
  11 { Levy, A., B.A.
  Witherbee, W. D.
  13 Burnett, W. B., B.A.
  14 Sutherland, W. H.
  15 McIntyre, J. D.
  16 Scott, J. F., D.V.S.
  17 { Burris, J. S.
  Francis, B.

#### HONORS IN MEDICINE AND CLINICAL MEDICINE.

- Gordon, A. H. McNiece, T. G. Nicholson, F. J., B.A. Turnbull, T.

- 4 Turnbull, T.
  5 Gillis, E. G.
  6 Scott, J. F., D.V.S.

- 7 { Brown, W. F., B.A. O'Brien, J. R., B.A. 9 { Drier, N. E. Greene B.

- 9 Greene, E.
  11 Gray, C. F. A.
  12 Browning, W. E.

### HONORS IN OBSTETRICS.

Phonon one

### HONORS IN OPHTHALMOLOGY.

1 Turnbull, T.
2 Nicholson, F. J., B.A.
3 Casselman, P. C.
4 Jones, D. C.
5 {Drier, N. E. Gray, C. F. A.
7 {Alley, G. T. Brown, W. F., B.A.

# HONORS IN PRACTICAL PATHOLOGY.

1 Gordon, A. H.
2 Nicholson, F. J., B.A.
3 Browning, W. E.
4 McKechnie, W. C.
5 Brown, W. F., B.A.
6 Sutherland, W. H.
Turnbull, T.
9 Bowles, C. T.
10 Galbraith, W. S.
Tooke, F. T., B.A.
12 McIntyre, J. D.
McNaughton, F. M. A., B.A.
14 Witherbee, W. D.
Casselman, P. C.
Drier, N. E.
Jones, D. C.
Murphy, E. F.
Ryan, G. H. W.

# HONORS IN SURGERY AND CLINICAL SURGERY.

1 Gordon, A. H.
2 O'Brien, J. R., B.A.
3 Murphy, E. F.
4 Brown, W. F., B.A.
1 Tooke, F. T., B.A.
1 Tooke, F. T., B.A.
7 McKeehnie, W. C.
8 Cumming, W. A.
9 Turnbull, T.
9 Mitherbee, W. D.
11 McNiece, T. G.
12 Scott, J. F.
12 Craig, J. E.
14 Drier, N. E.
15 McIntyre, J. D.
16 Burris, J. S.
Nicholson, F. J., B.A.

# Results of Examinations.

SESSION OF 1898-99.

# PASS LIST.

FINAL SUBJECTS.

The following gentlemen, 64 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M., from the University. In addition to the primary subjects, they have passed a satisfactory examination, both written and oral, on the following subjects: Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Pharmacolog Therapeutics, Medical Jurisprudence, Practical and Genera. The ology and Hygiene,—and also Clinical Examinations in Medicine, Surgery, Obstetrics, Gynæcology and Ophthalmology, conducted at the bedside in the hospital:—

	Charlottetown, P. E. I.
Alley, G. T	Melbourne.
A T	111111111111111111111111111111111111111
Browning, W. E	Sussex. Ont.
Fawcett, R. F. M.	Harbor Breton, Nfld.
E C	10 10 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
G F	
Jackson, F. S	Westinguit, Que.

Managa .

Jones, F. B	
o ones, D. O	Maitland Ont
11dw, D	Ottawa Ont
Levy, A., B.A	Montreal Que
Lineham, D. M	Calcary N W T
1000, A. A	Montreal One
Logie, A. E.	Chatham N B
Love, R. H	Carleton Place Ont
macdonald, J. S	Vontreal One
Mackenzie, C. A	Toronto Ont
McCombe, J	Dublin Troland
McKay, J. G.	Morewood Ont
McIntyre, J. D	Clifton P E I
McKechnie, W. C	Marquette Man
McNally, D. A	Abram's Village D F I
McNaughton, F. M. A., B.A	Huntingdon Oug
McNiece, T. G	Carronby Ont
Morris, T. E.	St John N P
Murphy, E. F.	St John N D
Nash, A. C	Ordensham N. V.
Nicholson, F. J., B.A	Victoria P. C.
O'Brien, J. R., B.A	Ottoma Ont
Peppers, H. W., B.A.	Fredericton N P
Phelps, S. E	Stanban Ma II C A
Rajotte, E. C. F	Montreal O.s. A.
Ross, S. A	Gintonham Out
Rutherford, R. M.	Hambashum Ont.
Ryan, G. H. W	Mantagal Ont.
Scott, J. F.	Montreal, Que.
Shore, R. A. A., B.A.	Toronto Ont
Sutherland, W. H.	Soc View D. F. T.
Thompson, G. H	North Salas N. S.
Tooke, F. T., B.A	Morth Sydney, N. S.
Trites, C. B	Betitaglia N. B.
Turnbull, T	Startford O. B.
Whillans, H. A	Stratiord, Unt.
Wilkins, W. A	Montand O
Witherbee, W. D	Potadow N. V.
Woodley, J. W	Poskland O
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

# THIRD YEAR. PRIZES AND HONORS.

THIRD YEAR PRIZEMAN, E. R. SECORD, Brantford, Ont.

SUTHERLAND MEDALLIST,

J. W. T. PATTON, Ponds, N.S.

### HONORS IN AGGREGATE OF ALL SUBJECTS OF THE THIRD YEAR.

Cowperthwaite, W.M. 13 Secord, E. R.
Patton, J. W. F., B.A.
Henry, C. K. P.
Ross, H., B.A.
Cook, C. R.
Carnwath, J. E. M.
Rowley, W. E., B.A.
Doull, A. E.
Ballantyne, C. T. Secord, E. R. Johnston, A. McConnell, R. E., B.A. 14 3 Martin, L. W Paintin, A. C. Jardine, J. 5 Rutherfurd, A. E. Murray, L. M. Turner, W. A., B.A. Gilday, A. L. C., B.A. Donnelly, A. J., B.A. 6 20 Ballantyne, C. T. Gray, H. R. D., B.A. Paterson, W. F., B.A. Hiebert, G. 9 21 10

### HONORS IN MEDICINE.

22

Johnston, A. Martin, L. W. Secord, E. R. Patton, J. W. T. Wilson, W. A. 2 Paintin, A. C.
Paterson, W. F., B.A.

Freeman, C. H., B.A.
Hiebert, G.
McConnell, R. E., B.A. Wilson, W. A. Charlton, G. A. Hill, W. H. P. Richard, F. A., B. A. Carnwath, J. E. M. Coffin, J. D. Gray, H. R. D., B. A. Robb, G. W. A. Armstrong, J. W., B A. Baird, J. A. Chisholm, J. Ross, H. B., B.A. Turner, W. G., B.A. Hall, A. R. 11 Morrison, G. D.

#### HONORS IN SURGERY.

Secord, E. R. Henry, C. K. P. Paintin, A. C. Doull, A. E. 1 Murray, L. M. Ross, H., B.A. (Rutherfurd, A. E. (Cowperthwaite, W. M. {Jardine, J. Paterson, W. F., B.A.

# HONORS IN CLINICAL CHEMISTRY.

	The second second	
1   Donaldson, A. S.   Wilmot, LeB. B.	13	Stevenson, R. H.
3 Patton, J. W. T. 4 O'Sullivan, M. T.	15	Wilson, W. A. McDonald, W. F.
5 Chisholm, J. 6 Symmes, C. R.	1	Brown, E. L. Hall, A. R.
7 { Jones, H. A., B.A. McSorley, H. S.	18 3	Harvie, S. K., B.A. Ross, H., B.A.
9 Baird, J. A. 10 Charlton, G. A.	21	Secord, E. R. Paterson, W. F., B.A.
11 Pattee, F. J.	22 {	Hazzard, C. F. L. McConnell, R. E.

Minnane

# HONORS IN GENERAL PATHOLOGY.

1 Secord, E. R. 2 Henry, C. K. P. 3 Ballantyne, C. T.	Clemesha, W. F.  Johnston, A.  Doull A. F.
4 { Cook, C. R. Patton, J. W. T. 6 Martin, L. W. 7 Murray, L. M.	(Doull, A. E. Jardine, J. Patterson, W. F., B.A. Ross, H., B.A.
8 Carnwath, J. E. M. Hiebert, G.	Rowley, W. E., B.A.  Gray H. R. D., B.A.  Morrison G. D.

# HONOR LIST IN MEDICAL JURISPRUDENCE.

1	Secord, E. R.			Promo E T
2	Patton, J. W T.		8 {	Brown, E. L. Murray, L. W.
	Bruce, J. A., B.A.		10	Con- II D D D
4	Wilson, W. A.		4.7	May, H. It D, D.A.
5	Rowley, W. A.	Z Victorian Contractive	(	Jones, H. A., B.A.
6	Henry, C. K. P.		11 4	McDonald, W. F.
	Ballantyne, C. T.			Gilday, A. L. C., B.A.
	Danantyne, C. 1.		(	Carnwath, J. E. M

# HONORS IN MENTAL DISEASES.

1 9	Patton, J. W. T.	14	Coffin, J. D.
3	Ross, H., B.A. Cowperthwaite, W. M.	16	Jardine, J. Murray, L. W.
4	Johnston, A.	17	Doull, A. E.
6	Rowley, W. E., B.A. Henry, C. K. P.	18	McConnell, R. E., B.A. McDouald, W. F.
7	Srown, E. L.	Contemporary Contemporary	(Bishop, T. E.
9	McAuley, A. G. Secord, E. R.	20	Donnelly, A. J. Turner, W. G., B. A.
10	Carnwath, J. E. M.		(Macpherson, C.
11	Gilday, A. L. C., B.A. Martin, L. W.	23	Paterson, W. F., B.A. Turnbull, J. A.
	Rutherfurd, A. E.		Cramban, J. A.

### HONOR LIST IN HYGIENE AND BACTERI-OLOGY.

1 Secord, E. R. 2 Cook, C. R. 3 Gray, H. R. D., B.A. 4 Hiebert, G. 5 Patton, J. W. T. 6 Ballantyne, G. T. 7 Baird, J. A.	8 Donnelly, A. J., B.A. 9 Cowperthwaite, W. M. 10 Doull, A. E. 11 Paintin, A. C. 12 { Henry, C. K. P. { Rowley, W. E., B.A. 14 Murray, L. M.

# HONOR LIST IN PHARMACOLOGY AND THERAPEUTICS.

1 2 4 5 6 8	Secord, E. R. Ballantyne, C. T. Patton, J. W. T. Ross, H., B. A. Henry, C. K. P. (Carnwath, J. E. M. Turnbull, J. A. Brown, E. L. Johnston, A. Martin, L. W. Todd, J. L., B.A.	21 { 23 24 25	Hiebert, G. Jardine, J. McAuley, A. G. Turner, W. G., B.A. Cowperthwaite, W. M. Morrison, G. D. Cook, C. R. Donnelly, A. J., B.A. Gray, H. R. D., B.A. McDonald, W. F. Gurnett, P.
12 -	Doull, A. E., McConnell, R. E., B.A. Paintin, A. C. Paterson, W. F., Rowley, W. E., B.A.	27	Gilday, A. L. C., B.A. Hill, W. H. P.

# PASS LIST.

The following Students, sixty-nine in number, have passed in all the Subjects of the Third Year, viz: Pathology, Pharmacology and Therapeutics, Hygiene and Bacteriology, Medical Jurisprudence, Mental Diseases, Medicine, Surgery and Clinical Chemistry.

Armstrong, J. W., B.A. Aylmer, A. L. Baird, J. A. Ballantyne, C. T. Bishop, T. E. Brennan. F. A. Brown, E. L. Burnett, P. Burris, J. S. Carnwath, J. E. M. Cartwright, C. Charlton, G. A. Chisholm, J. Clemesha, W. F. Coates, H. W. Coffin, J. D. Conroy, R. J. Cook, C. R. Cowperthwaite, W. M. Cox, J. R. Crozier, J. A., B.A. Donnelly, A. J., B.A. Doull, A. E. Eagar, W. H. Freeman, C. H., B.A. Gibson, E. J. Gilday, A. L. C., B.A. Gray, H. R. D., B.A. Hall, A. R. Haszard, U. F. L. Henry, C. K. P. Hiebert, G. Hill, W. H. P. Jardine, J. Johnston, A.

Law, R.
Loeb, A. A.
Macdonald, J. S.
McConnell, R. E., B.A.
McConnell, R. E., B.A.
McDonald, W. F.
McKee, S. H., B.A.
McNally, D. A.
Martin, L. W.
Morris, T. E.
Morrison, A. S.
Morrison, G. D.
Murray, L. M.
Mussen, A. T.
Paintin, A. C.
Paterson, W. F., B.A.
Pattee, F. J.
Patton, J. W. T.
Pope, E. L., B.A.
Porter, A. S.
Rajotte, R. C. F.
Richard, F. A., B.A.
Ross, W. J.
Rowley, W. E., B.A.
Rutherfurd, A. E.
Secord, E. R.
Snyder, A. E. W.
Stevenson, R. H.
Todd, J. L., B.A.
Turnbull, J. A.
Turner, W. G., B.A.
Wilson, W. A.
Wood, D. F.

In addition to those whose names appear in the above list, having passed in all subjects of the Third Year, the following have passed in:

#### MEDICINE.

Buffett, C., B.A. Costello, A.E. Donaldson, A. S. Harvie, S. K., B.A. Kannary, E. LeR., B.A.

Himman

Keating, B. H. McSorley, H. S. Morrow, J. J. Paterson, A., B.A. Payne, R. H.

Reynolds, F. L. Sayre, T. D. Shaughnessy, C. R. Townsend, C. Wilmot, LeB. B.

#### SURGERY.

Buffett, C., B.A. Costello, A.E. Donaldson, A.S. Harvie, S. K., B.A. Hughes, R. E. Jones, H. A., B.A. Kannary, E. LeR., B.A. Keating, B. H.

Keating, H. T. Littig, J. V. McKinnon, I. W. Macpherson, C. McAuley. A. G. McDiarmid, W. B. McSorley, H. S. Martin, J. J.

Morrow, J. J.
O'Sullivan, M. T.
Paterson, A., B.A.
Payne, R. H.
Reynolds, F. L.
Stewart, G. A. H.
Tanner, C. A. H.
Townsend, C.
Wilmot, LeB. B.

### CLINICAL CHEMISTRY.

Buffett, C., B.A.
Coristine, W. H.
Costello, A. E.
Donaldson, A. S.
Green, E.
Harvie, S. K., B.A.
Hughes, R. E.
Jones, H. A., B.A.
Kannary, E. LeR., B.A.
Keating, B. H.

Keating, H. T.
Littig, J. V.
McKinnon, I. W.
Macpherson, C.
McAuley, A. G.
McDiarmid, W. B.
McSorley, H. S.
Martin, J. J.
Morrow, J. J.
O'Sullivan, M. T.

Paterson, A., B A.
Payne, R. H.
Reynolds, F. L.
Sayre, T. D.
Shaughnessy, C. R.
Stewart, C. A.
Symmes, C. R.
Tanner, C. A. H.
Townsend, C.
Wilmot, LeB. B.

#### MATERIA MEDICA.

Coristine, W. H.
Costello, A. E.
Donaldson, A. S.
Harvie, S. K., B.A.
Jones, H. A., B.A.
Kannary, E. LeR., B.A.
Keating, B. H.

Keating, H. T. Macpherson, C. McAuley, A. G. McDiarmid, W. B McSorley, H. L. Martin, J. J. Moore, J. C. Morrow, J. J. O'Sullivan, M. T. Paterson, A., B.A. Payne, R. H. Shaughnessy, C. R. Symmes, C. R. Wilmot, LeB. B.

#### PATHOLOGY.

Costello, A. E.
Donaldson, A. S.
Harvie, S. K., B.A.
Hughes, R. E.
Jones, H. A., B.A.
Kannary, E. LeR., B.A.
Keating, B. H.

Keating, H. T. Macpherson, C. McAaley, A. G. McDiarmid, W. B. McSorley, H. S. Morrow, J. J. Payne, R. H. Pittis, H.
Reynolds, F. L.
Sayre, T. D.
Shaughnessy, C. R.
Townsend, C.
Wilmot, LeB. B.

# HYGIENE AND BACTERIOLOGY.

Donaldson, A. S. Jones, H. A., B.A. Kannary, E. LeR., B.A. Keating, B. H. Keating, H. T. Macpherson, C. McAuley, A. G. McDiarmid, W. B. O'Sullivan, M. T. Payne, R. H. Pittis, H.
Sayre, T. D.
Symmes, C. R.
Townsend, E.
Wilmot, LeB. B.

### MEDICAL JURISPRUDENCE.

Bruce, J., B.A.
Buffett, C.
Coristine, W. H.
Donaldson, A. S.
Harvie, S. K., B.A.
Jones, H. A., B A.
Kannary, E. LeR., B.A.
Keating, B. H.
Keating, H. T.

Lawlor, F. E.
Littig, J. V.
Lynch, J. B.
McKinnon, I. W.
Macpherson, C.
McAuley, A. G.
McDiarmid, W. B.
McSorley, H. S.
Morrow, J. J.

O'Sullivan, M. T.
Paterson, A., B.A.
Payne, R. H.
Reynolds, F. L.
Sayre, T. D.
Shaughnessy, C. R.
Stewart, C. A.
Townsend, C.
Wilmot, LeB. B.

#### MENTAL DISEASES.

Bruce, J., BA. Coristine, W. H. Costello, A. E. Fuller, A. T. Harvie, S. K., B.A. Jones, H. A., B.A.

Keating, H. T. Littig, J. V. MacCarthy, F. H. Macpherson, C. McAuley, A. G. McSorley, H. S. May, L. W.
Morrow, J. J.
Reynolds, F. L.
Sayre, T. D.
Scriver, E. F.
Townsend, C.

# SECOND YEAR. PRIZES AND HONORS.

SECOND YEAR PRIZEMAN, R. H. Ker, B.A., Montreal.

SENIOR ANATOMY PRIZE,
J. BRUCE, B.A., Moncton, N.B.

McGILL MEDICAL SOCIETY JUNIOR PRIZES.
First Prize, C. Shearer.
Second Prize, R. P. Campbell, B.A.

# HONORS IN AGGREGATE OF ALL SUBJECTS.

1 Ker, R. H., B.A.
2 Penner, E., B.A.
3 Bruce, J., B.A.
4 Campbell, R. P., B.A.
5 Browne, J. G., B.A.
6 Robertson, L. F., B.A.
7 Collison, H. McN.

8 Ellis, R. L. 9 Stewart, C. J. 10 Rogers, H. B. 11 Wiley, B. E. 12 Richards, B. A. 13 Martin, E. A.

# HONORS IN ANATOMY.

Millianias

16 Lunney, T. H.
17 Robertson, L. F.
18 Martin, E. A.
19 Robidoux, E. L., B.A.
20 Stewart, C. J.
21 Eagan, W. J.
22 Richards, B. A.
23 Brown, J. G., B.A.
24 Penner, E.
25 { Fuller, A. T., B.A.
Russell, E. M., B.A.
27 { Dixon, W. E.
Roberts, J.
29 { Hunter, E. N. McL.
White, E. H.

# HONORS IN CHEMISTRY.

HON

Campbell, R. P., B.A.
Penner, E.
Browne, J. G., B.A.
Stewart, C. J.
Martin, E. A.
Stevenson, J., B.A.
Wiley, B. E.
Collison, H. McN.
Ker, R. H.. B.A.
Richards, B. A.
Wilson, J. J.

13 { George, J. D. Russel, C. K., B.A. Roberts, J. 16 { Rutherford, C. E. Williams, W. Hope, J. T. 19 Leggett, T. H. King, R., B.A. Robertson, L. F. Rogers, H. B. 23 Howard, A. C. P., B.A.

# HONORS IN PRACTICAL CHEMISTRY.

1 Donovan, J. B.

2 Browne, J. G., B.A. Egan, W. J. Van Wart, R. M., B.A.

5 { Little, H. M. Mackenzie, S. D.

7 Campbell, R. P., B.A. 8 Ellis, R. L. Moore, J. C., D.V.S.

10 Robertson, L. F. 11 Collison, H. McN. 12 Rogers, H. B.

Bishop, L. C. Crozier, J. A., B.A. Howard, A. C. P., B.A. 13 { McNeill, J. W.

Richards, B. A. Simpson, S. Wilson, J. J. Penner, E. Cantlie, F. P. L. King, R., B.A. Lidstone, A. E.

Lomas, A. J. McKay, D. S. Moses, H. C. Munroe, A. T. Stewart, C. J.

# HONORS IN HISTOLOGY.

1 { Browne, J. G., B.A. Ker, R. H., B.A. 3. Robertson, L. F. 4 Williams, W. 5 Bruce, J., B.A. 6 Campbell, R. P., B.A. 7 Wyman, H. B., B.A. (Collison, H. MeN. Moses, H. C. Mullally, A. J.

Mullally, A. J. Penner, E.

Bishop, L. C. Campbell, A.
Ellis, R. J.
Fuller, A. T., B.A.
12 Redon, L. H., B.A. Roberts, J. Robertson, C. G. Russel, C. K., B.A. Wiley, B. E.

# HONORS IN MATERIA MEDICA.

1 { Ker, R. H., B.A.

Penner, E. Wyman, H. B., B.A. Bruce, J., B.A. 3

Richards, B. A.

6 Wiley, B. E. 7 Campbell, A.

Robertson, L. E. 9 Goodall, J. R. 10 Collison, H. McN.

Taylor, W. L. Browne, J. G., B. A. Hope, J. T.

Hope, J. 1.
2 Jackson, G. F.
Mackay, M., B.A.
Russel, C. K., B.A.
17 Fleming, J. E.
Gardner, R. L.
Robertson, C. G.
Stevenson, J., B.A.

# HONORS IN PHYSIOLOGY.

1 Bruce, J., B.A.

Penner, E. 2 Penner, E. 3 Ker, R. H., B.A. 4 Collison, H. McN. 5 Dixon, J. D. 6 Little, H. M., B.A.

Campbell, A. Robertson, L. F.

Mackay, M., B.A. Browne, J. G., B.A. Campbell, R. P., B.A. Stewart, C. J.

# PASS LIST.

#### ALL SUBJECTS.

The following gentlemen, 99 in number, have completed their Second Year Examinations, which comprise the following subjects:—Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Practical Physiology, Histology and Materia Medica:—

Baird, J. A. Beadie, W. D. Belanger, E. R. Bradley, J. H.
Browne, J. G., B.A.
Bruce, J., B.A.
Buffett, C., B.A.
Butler, P. E., B.A.
Callbeck, A. DeS. B.
Campbell. Callbeck, A. DeS. B.
Campbell, A. Campbell, R. P., B.A.
Campbell, O. E.
Carlyle, D. A.
Cartwright, C.
Chisholm, J.
Clemesha, W. F.
Collison, H. MeN.
Collison, J. Collison, J. Conroy, R. J. Costello, A. R. Darche, C. E. Dixon, W. E. Donaldson, A. S. Duncan, J. W. Egan, W. J. Ellis, R. L. Fleming, J. E. Fleming, J. E.
Freeman, C. H.
Fuller, A. T., B.A.
Fuller, G. F. L.
George, J. D.
Goodall, J. R.
Harley, R. O.
Hazard, E. F. L.
Hope, J. T.
Howard, A. C. P., B.A.
Hunter, E. N. McL.
Jackson, G. F. Jackson, G. F Johnson, R. deL.
Johnston, J. L.
Jones, H. A., B.A.
Kannary, E. L., B.A.
Kendall, A. L.
Ker, R. H., B.A.
Leggett, T. H.
Little, H. M., B.A.
Lunney, T. H.
MacCarthy, F. H.
Mackay, M., B.A.
Mackenzie, S. D. Johnson, R. deL.

Millianna

McDiarmid, W. B. McKay, D. S. McKay, J. G. Martin, E. A. Meighen, W. A. Miller, G. H. S. Morris, T. E. Mousseau, E. A. Mullaly, E. J. Newcombe, W. E. O'Sullivan, M. T. Patterson, A., B.A. Payne, R. H. Penner, E. Redon, L. H., B.A. Richards, B. A. Robb, G. W. A. Roberts, J. Robertson, C. G. Robertson, L. F. Robertson, R. D. Robidoux, E. L. Robidoux, E. L.
Rogers, H. B.
Russel, C. K., B.A.
Russell, E. M., B.A.
Rutherford, C. A.
Rutherfurd, A. E.
Sanders, C. W.
Sayre, T. D.
Shearer, C.
Shearer, R. L. Shearer, R. L. Simpson, E. G. W., B.A. Simpson, S. Snyder, A. E. W. Stentaford, G. L. Stevenson, J., B.A.
Stewart, C. J.
Symmes, C. R.
Taylor, W. L.
Todd, J. L., B.A.
Townsend, C. Ward, J. A. White, E. H. Wiley, B. E. Williams, W. Wilson, J. J. Winter, D. E. Wood, D. F. Wyman, H. B., B.A.

In addition to those whose names appear in the above list, having passed in all the subjects of the Second Year, the following have passed in:

### MATERIA MEDICA.

Alexander, J. H.
Bayfield, T. F.
Beatty, H. W.
Blake, J. J.
Boire, W. E.
Borden, H. L., B.A.
Burrows, A. E.
Chandler, E. C.
Crang, F. W.
Currie, W. D.

Dalton, C. H.
Donovan, J. B.
Featherston, H. C.
Fuller, H. T.
Gardner, R. L.
Grant, W. W.
Jones, J. H.
Learmouth, G. G.
Lomas, A. J.
MacNeill, J. W.

McDonald, E. E. Miller, S. Morgan, A. D. Moses, H. C. Niven, J. K. Ryan, W. T. Taylor, D. A. Wiggin, W. I. Williams, F. T.

#### HISTOLOGY.

Anton, D. L. S.
Beatty, H. W.
Bishop, L. C.
Blake, J. J.
Boire, W. E.
Borden, H. L., B. A.
Cantlie, F. P. L.
Crang, F. W.
Crozier, J. A., B.A.
Currie W. D.

Gardner, R. L.
Jones, J. H.
Lawlor, F. E.
Learmonth, G. G.
Lidstone, A. E.
Lomas, A. J.
MacNeill, J. W.
McDonald, E. E.
Miller, S.
Moore, J. C., D.V.S.

Morgan, A. D.
Moses, H. C.
Ritchie, C. F.
Ryan, W. T., B.A.
Snetsinger, H. W.
Warren, J. G.
Wiggin, W. I.
Williams, F. T.

### ANATOMY.

Bayfield, T. F.
Beatty, H. W.
Blake, J. J.
Boire, W. E.
Borden, H. L., B.A.
Crane, F. W.
Dalton, C. H.
Jones, J. H.

Lidstone, A. E. Lomas, A. J. MacNeill, J. W. McAleer, E. F. McDonald, C. A. McDonald, E. E. May, L. M. Morgan, A. D.

Niven, J. K.
Ryan, W. T., B.A.
Saunders, W. E.
Simpson, J. C.
Stewart, C.
Taylor, D. A.
Warren, J. W.

#### PHYSIOLOGY.

Beatty, H. W.
Blake, J. J.
Borden, H. L., B.A.
Burrows, A. E.
Currie, W. D.
Dalton, C. H.
Dixon, J. D.
Donovan, J. B.

Gardner, R. L.
Jones, J. H.
Lawlor, F. E.
Learmonth, G. G.
MacNeill, J. W.
McKinnon, I. W.
Miller, S.
Morgan, A. D.

Moses, H. C. Niven, J. K. Reynolds, F. L. Ritchie, C. F. Roberts, F. A., B.A. Ryan, W. T., B.A. Wiggin, W. L.

## CHEMISTRY.

Bishop, L. C.
Borden, H. L., B.A.
Boulter, J. H.
Crane, F. W.
Currie, W. D.
Donovan, J. B.
Dowson, C. K.
Featherston, H. C.
Jones, J. H.

Milliana

King, R., B.A. Learmonth, G. G. Lidstone, A. E. Littig, J. V. Macpherson, C. McDonald, C. A. McDonald, E. E. McEwen, J. R. May, L. W.

Miller, S.
Mitchell, F. E.
Moses, H. C.
Munroe, A. T.
Stewart, C. A.
Strong, N. W.
Wiggin, W. I.
Williams, F. T.

# PRACTICAL CHEMISTRY.

Arnold, D. R., B.A.
Beatty, H. W.
Bishop, L. C.
Boire, W. E.
Boulter, J. H.
Cantlie, F. P. L.
Chandler, E. C.
Crane, F. W.
Crozier, J. A.
Cullen, W. H.
Currie, W. D.
Dalton, C. H.
Donovan, J. B.
Dowson, C. K.
Duffy, P. F.

Featherston, H. C. Grant W. W. Hart, F. W., B.A. Jones, N. C. King, R., B.A. Lawlor, F. E. Learmonth, G. G. Lidstone, A. E. Lomas, A. J. MacNeill, J. W. McDonald, E. E. McEwen, J. R. McPherson, F. Masou, F. C. Miller, S.

Mitchell, F. E. Moore, J. C., D.V.S. Morgan, A. D. Moses, H. C. Munroe, A. T. Niven, J. K. Pilot, F. W. H. Roberts, F. A., B.A. Ryan, W. T., B.A. Strong, N. W. Taylor, D. A. Van Wart, R. M., B.A Wiggin, W. I. Williams, F. T.

### FIRST YEAR.

# PRIZES AND HONORS.

FIRST YEAR PRIZEMAN,

R. M. VAN WART, B.A., Fredericton, N.B.

JUNIOR ANATOMY PRIZE,

R. M. VAN WART, B. A.

# HONORS IN ALL SUBJECTS.

Van Wart, R. M., B.A.

1 Van Wart, R. M., B.A.
2 Paterson, R. C., B.A.
3 Simpson, J. C.
4 Manchester, J. W.
4 Moffatt, G.
6 Bishop, L. C.
7 Hopkins, C. W.
8 Mason, L. D., B.A.
9 Pickard, L. N.
10 Gardner, W. A., B.A.

Doyle, A. J., B.A. 11

Walker, H. 12

MacNaughton, J. A. Campbell, J. A. E., B.A. Dorion, W. A. 14 15

16 Christie, J. F. 17 Eastman, E. B. 17 Morse, W. R. 19 Townsley, R. H.

### HONORS IN ANATOMY.

1 Van Wart R. M.

B.A.

2 Amos, A. C. Doyle, A. J., B. Hopkins, C. W. Byers, J. R.

Evans, S. (Walker, H

Townsley, R. H.

Harris, L. C. Mason, L. D., B.A. Paterson, R. C., B.A. Eastman, E. B.

13 { Manchester, J. W. Pickard, L. W.

Pavey, H. L. Williams, R. G. Folkins, H. G.

Menzies, J. E. Palmer, G. H. Peters, O. R.

Campbell, J. A. E.

Campbell, J. A. E.
Dorion, W. A.
Giles, G. N.
Wood, W.
King, R., B.A.
Moffatt, G.
Morse, W. R., B.A.
Gardner, W. A., B.A.
McGibbon, D.
Robertson, J. J.

Robertson, J. J. Moore, J. C., D.V.S. Leney, J. M., B.A. Dixon, J. D. 32

33

Morrison, J. P.
Carter, W. LeM., B.A.
Christie, J. F.
McNeill, I. F. 34

McGrath, R. H. Arnold, D. R., B.A. Smith, T. W.

#### HONORS IN BIOLOGY.

1 Van Wart, R. M., B.A. 2 Gardner, W. A., B.A. 3 Simpson, J. Crawford.

4 Campbell, J. A. E.
5 Manchester, J. W.
6 Leney, J. M., B.A.
Menzies, J. E.

8 Morse, W. R., B.A. Wood, W.

Pickard, L. N. 10

11 Elder, R.

### HONORS IN PHYSIOLOGY.

Militanasa

# HONORS IN PRACTICAL CHEMISTRY.

1 { Moffatt, G. Van Wart, M., B.A. 3 { Simpson, J. G. 12 Buckman, A. R. 14 Harley, R. J. O. Cumming, W. G. Hopkins, C. W. Mac Neill, J. F. Manchester, J. W. 9 Stowell, F. E. 14 { Elder, R. (Moore, P. T., B.A. 12 Buckman, A. R. 13 Arnold, D. R., B.A. (Dorion, W. A. Johnson, J. L., B. A. McGibbon, D. McKee, W. E. Martin, H. E. Pavey, H. L.

### HONORS IN CHEMISTRY.

1 Elder, R. 2
Moffatt, G. 3
Van Wart, R. M. 4 Christie, J. F. 5
Simpson, J. C. 6
Harris, L. C. 7
Eastman, E. B. 8
Blair, H. G. F. 8
MacNaughton, J. A. 17
MeGibbon, D. 17
Townsley, R. H. 15
Folkins, H. G. 15
Mason, L. D., B. A. 17
Hopkins, C. W. Williams, R. G. 20
Evans, S.

### HONORS IN HISTOLOGY.

Van Wart, R. {Campbell, J. A. E., 1.A. Manchester, J. W. Coleman, C. E. Manchester, J. W. Evans, S. Delaney, M. Hart, F. W., B.A. Jones, N. C. King, R., B.A. Menzies, J. E. Moffatt, G. Morse, W. R., B.A. Pavey, H. L. Palmer, G. H. Pickard, L. N. Hopkins, C. W. Green, F. W. Smith, T. W. Thomas, J. W., B.A. 21 22 Morrison, J. F. Walker, H.

#### PASS LIST.

#### ALL SUBJECTS.

The following Students, 88 in number, have passed the Examination in all the Subjects of the First Year, viz: Anatomy, Chemistry and Physics, Physiology, Histology, Biology and Practical Chemistry.

Ames, A. C. Anton, D. L. Bayfield, T. F Beatty, H. W. Bishop, L. C. Blair, H. G. F. Blakeman, F. W. Boyd, R. M. Byers, R. J. Campbell, J. A. E., B.A. Cantlie, T. P. L. Carnochan, W. L. C. Christie, J. F.
Codrington, R. F.
Colby, J. C., B.A.
Coleman, C. E.
Crang, F. W.
Cullen, W. H.
Curren, L. M.
Dixon, J. D.
Dorion, W. A.
Douglas, F. C.
Dowson, C. K.
Doyle, A. J., B.A.
Duncan, J. W.
Eastman, E. B. Christie, J. F. Eastman, E. B. Evans, S. Fearn, C. J Ferguson, W. H. Folkins, H. G.
Ford, W. S.
Fuller, H. T.
Gardner, W. A., B.A.
Giles, G. N. Green, F. W. Halliday, J. L. Harley, R. O. Harris, L. C. Henry, C. M. Hopkins, C. W. Irwin, F. Johnson, J. A., B.A. Jones, N. C. Lawlor, F. E. Learmonth, G. E. Leney, J. M., B.A.

Mackinnon, G. E. L. Maclaren, A. H., B.A. MacNaughton, J. A.
MacNaughton, J. A.
McGibbou, D.
McGrath, R. H.
McKee, W. E.
McNeill, J. F.
McNeill, J. W. Manchester, J. W.
Mason, P. C.
Mason, L. D., B.A.
Menzies, J. E.
Moffatt. G. Moore, J. C., D. V.S. Morrison, J. F. Morse, W. R., B.A. Mothersill, G. S. Netten, P. E. Niven, K S. Palmer, G. H.
Paterson, R. C., B.A.
Peters, O. R.
Pickard, L. N Pratt, C. M. Ritchie, C. F Robertson, J. J.
Russell, E. M., B.A.
Ryan, W. T., B.A.
Shaw, D. LeB.
Shearer, R. Ship, M. L., B.A. Simpson, J. C. Smith, T. W. Stockwell, H. K. Stowell, F. E. Thomas, J. W., B.A. Taylor, D. A. Tolmie, J. A. Townsley, R. H. Van Wart, R. M., B.A. Walker, H. Wiggin, W. I. Williams, F. T. Williams, R. G.

Macdonald, A. A., B.A.

In addition to those whose names appear in the above list, having passed in all subjects of the First Year, the following have passed in:

### ANATOMY.

Anderson, R. J. R.
Arnold, D. R., B.A.
Blair, A. K.
Briggs, J. A.
Buchan, A. R.
Burton, H. T.
Carter, W. L. M., B.A.
Dickson, W. H.
Eaton, F. C.

II II II II II ASSA

Forster, J. F. C. Gardner, R. J. Gilmour, C. R. Gurd, R. D. Hart, W. F., B.A. Hawker, J. E. King, R., B.A. McDonald, P. A. Maillet, H. A. Martin, H. E.

Moore, P. T., B.A. Morin, E.J. Munro, A. J. Ness, W. Pavey, H. L. Ramsay, W. A. Rawlings, W. T. Scott, W. Wood, W.

### HISTOLOGY.

Anderson, A. J. R. Arnold, D. R., B.A. Blair, A. K. Boulter, J. H. Briggs, J. A. Carter, W. L. M., B.A. Delaney, M. Elder R. Folkins, C. G.

Forster, J. F. C. Gurd, R. D. Hart, F. W., B.A. Horsfall, F. L. King, R., B.A. McEwen, J. R. McPherson, T. Mitchell, J. E. Moore, P. T., B.A.

Morin, E. J. Ness, W. Pavey, H. L. Kamsay, W. A. Rawlings, W. T. Strong, N. W. Ward, J. A. Warren, J. G.

### PHYSIOLOGY.

Arnold, D. R., B.A. Blair, A. K. Briggs, J. A. Buchan, A. R. Dickson, W. H. Elder, R.

Folkins, C. G. Forster, J. F. C. Gardner, R. J. Gilmour, C. R. Hart, F. W., B.A. Horsfall, F. L.

King, R., B.A. McDonald, P. A. Morin, E. J. Pavey, H. L. Snetsinger, H. W. Warren, J. G.

### CHEMISTRY.

Bell, A. J.
Blair, A. K.
Briggs, J. A.
Buckman, A. R.
Carter, W. LeM., B.A.
Cumming, W. G., B.A.
Delaney, M.
Elder, R.

Folkins, C. G.
Forster, J. F. C.
Gardner, R. J.
Gurd, R. D.
Hawker, J. E.
Hutchinson, J. W.
Martin, H. E.
Moore, P. T., B.A.

Morin, E. J. Munro, A. J. Neary, A. G. Ness, W. Pavey, H. L. Ramsay, W. A. Scott, W. Warren, J. G.

### PRACTICAL CHEMISTRY.

Anderson, R. J. R.
Arnold, D. R., B.A.
Briggs, J. A.
Buckman, A. R.
Carter, W. LeM., B.A.
Cumming, W. G.
Delaney, M.
Donohue, J. J.
Eaton, F. C.

Elder, R.
Folkins, C. G.
Gardner, R. J.
Gilmour, C. R.
Gurd, R. D.
Hawker, J. E.
Hutchinson, J. W.
MacMillan, F. F.
Maillet, H. A.

Martin, H. E.
Moore, P. T., B.A.
Morin, E. J.
Munro, A. J.
Neary, A. G.
Pavey, H. L.
Scott, W.
Wood, W.

### GENERAL BIOLOGY.

Alexander, J. H. Arnold, D. R., B.A. Blair, A. K. Buckman, A. R. Burton, H. T. Carter, W. LeM., B.A. Elder, R.
Folkins, C. G.
Gardner, R. J.
Gilmour, C. R.
Grant, W. W.
Hutchinson, J. W.

Lynch, J. B. Munro, A. J. Wood, W. Ward, J. A.

### EXAMINATION PAPERS.

### UNIVERSITY EXAMINATIONS.

JUNE, 1899.

FIRST YEAR.
CHEMISTRY.

Examiners, ..... { PROFESSOR GIRDWOOD. RUTTAN.

- 1. How may the forces of heat and electricity be converted into each other and both into motion? Describe experiments.
- 2. Describe a force pump. Compare its action with that of the heart.
  - 3. Define the terms:
    - (a) Dew Point.
    - (b) Ampere.
    - (c) Double refraction.
    - (d) Polarization of light.
    - (e) Absolute temperature.
- 4. Calculate the increase in volume of 10.0 litres of air when temperature rises from 10°C to 20°C and pressure drops from 760 to 740 m.m. of mercury.
- 5. Give with equations preparations of Chlorine, Nitric Acid, Hydrogen, Ammonia, Nitrogen.
  - 6. Give the proof that the Formula of ammonia N  $H_3$  is correct.
- 7. Describe the preparation of H Cl and give the proof of its composition.
  - 8. Prove that in all gases the molecule contains at least two atoms.

### FIRST YEAR.

### . PHYSIOLOGY.

1. Name the structures derived from the Mesoblast, and make applications to Physiology.

- 2. Enumerate the various results of a muscular contraction.
- 3. Describe digestion in the upper part of the small intestine.
- 4. Give an outline of the part played by the different portions of the apparatus for the circulation of the blood-connecting structures and function.
  - 5. Explain how respiration is carried out:
    - (a) Ordinarily.
    - (b) During forced breathing.
- 6. Give a brief outline of the functions of the spinal cord, referring to the essential structures involved.
- 7. Describe briefly the visual processes, and illustrate by a diagram or by diagrams.

### BIOLOGY.

N.B.—Candidates must satisfy the Examiners in both Zoology and Botany.

### A. BOTANY.

Examiner,.....PROF. PENHALLOW.

### (Answer three questions.)

- 1. Give a full account of the structure and nutrition of :-
  - (a) Pleurococcus vulgaris.
  - (b) Yeast.
- 2. Bacteriaceæ: Give a concise account of:-
  - (a) The structure of the plant,
- (b) the principal forms,
  - (c) the methods of reproduction,
  - (d) the process of nutrition.
- 3. Give a full account of the reproductive process in Fucus vesiculosus, and indicate homologous parts in Pteris and Polytrichum.
  - 4. Describe fully :-
    - (a) the origin of the prothallus of ferns.
  - (b) its role in the life history of the plant.

### B. ZOOLOGY.

Examiner, ..... Prof. McBride.

- 1. Enumerate and explain the principal functions which make up life. Explain how they are carried out by Paramoecium.
- · 2. Define the words "true cell" and "tissue."

Describe the various kind of cells met with in Hydra—their arrangement in tissues and the functions they respectively perform.

- 3. What are the principal offices which are performed by a circuculatory system? Describe the circulatory system of the Frog, and compare it with that of the worm.
- 4. Of what elements are the central nervous system and the peripheral nerves of worm made up? In what relation do they stand:
  - (1) to the skin,
  - (2) to the coelomic wall.

In what important points does the central nervous system and nerves of the frog exhibit an advance on those of the worm?

5. Describe and compare the reproductive organs of the frog and the worm.

### SECOND YEAR.

#### MATERIA MEDICA.

- 1. Compare the official process of maceration with that of percolation, and cite instances in which they are directed to be employed in the pharmacopæia.
- 2. How are pills prepared? What are the physical properties of a good pill? Name some of the more important official pills.
- 3. State fully what you know of the appearance, habitat and constituent principles of Opium, Physostigmatis Semina, Calumbae radix, Ipecacuanhae radix, Jaborandi folia, Jalapa.
  - 4. State the physiological action of the following drugs:-
    - (a) on the nervous system,
- (b) on the circulation,
  belladonna, nux vomica, scilla, camphora, ammonia, phenazonum.
- 5. Name specimens exhibited, and mention official preparations of each.

### SECOND YEAR.

### CHEMISTRY.

Examiners, ...... PROF. G. P. GIRDWOOD. PROF. R. F. RUTTAN.

- 1. Give three methods by which the specific gravity of a sample of urine may be obtained. Explain the principle of each method.
- 2. What is the specific heat of a body? How may it be made use of to correct the formula of a compound?
  - 3. Describe the mode of obtaining the X-rays or Röntgen rays.
- 4. Give the preparation and properties of sulphur and its chief compounds with Hydrogen and Oxygen.
- 5. Show by equations the reactions which may occur between sulphuric acid and (a) Alcohol, (b) Ferrous sulphide, (c) acid, (d) Saccharose, (e) Copper.
- 6. Classify organic substances containing Nitrogen, giving an example with formula for each group.
- 7. Describe two characteristic reactions of (a) an aromatic hydrocarbon, (b) an aldose, (c) a primary amine, (d) a primary alcohol, (c) an organic cyanide. Give equations.
- 8. Show by equations the preparation of (a) a sodium soap, (b) Iodoform, (c) Urea, (d) Amyl Nitrite, (e) Prussian blue. How would you recognize each?

#### SECOND YEAR.

#### HISTOLOGY.

Examiners, ..... PROF. GEO. WILKINS. Dr. NEIL GUNN.

- 1. Name two principal forms of glands. Give at least four important localities in which each separate variety is found. Describe the glands in the places named.
  - 2. Describe the termination of Motor Nerves.
  - 3. Describe a section of kidney.
- 4. Describe the histological elements and the formation of a so-called lymph gland.
  - 5. Describe a section through the gray matter of the Cerebrum.

### SECOND YEAR. PHYSIOLOGY.

Examiners, ...... PROF. WESLEY MILLS. Dr. W. S. MORROW.

- 1. Embryology.—(a) Describe the changes in the circulation after birth and the circumstances favoring them. (b) Make three important applications of embryology to physiology.
- 2. Blood.—(a) Its relations to the body generally. (b) Its proteids. (c) Development and regeneration. (d) Forms of colorless cells.
- 3. Respiration (a) The nervous mechanisms of the process. (b) The experiments supporting your views.
- 4. Ventricular Systole.—Draw curves illustrating line, pressure and other relations, together with any important variations.
- 5. Explain the various methods of investigating the physiology of the nervous system, and state the advantages of each of them.
- 6. State the location and extent of the degenerations that result from the following, and explain according to the neuron theory: (a) section of a posterior nerve root in the lumbar region, (b) destruction of the gray matter in the anterior horn of the spinal cord at any point, (c) removal of the cerebral cortex in the Rolandic area, (d) destruction of Clarke's column at a definite point.
- 7. Vision.—(a) Illustrate by a diagram the path of visual impulse.
  (b) Explain. (c) How established by experiments, etc.
- 8. Write as time permits on recent muscle physiology and especially on muscular tonus.

#### SECOND YEAR.

#### ANATOMY.

- 1. The thorax having been opened, give the dissection necessary to expose the Trachea and its primary Bronchi.
- 2. Name in proper order the various structures it is necessary to remove to expose the hip-joint from behind.

- 3. Give a short description of the Spleen, including a full account of its relations to other structures.
  - 4. Describe the lens and the Uveal coat of the eye.
- 5. Describe the Sylvian fissure, giving a short account of the convolutions with which it is in relation.
- 6. Give the origin, insertion, nerve supply and actions of the muscles attached to and in relation with the os calcis.

Note.—Four questions only to be answered, including the first two.

### THIRD YEAR.

### PATHOLOGY.

Note - The first and five other questions only to be attempted.

- 1. What lesions gross and microscopic would you expect to find in the various organs of a young adult (male) dying as the result of acute ulcerative endocarditis?
- 2. To what extent is there inheritance of morbid conditions, whether acquired by the parent or otherwise? How is the inheritance of morbid conditions influenced by the individuals of successive generations originating from the union of ovum and spermatozoon?
- 3. Describe the successive changes which are likely to occur in the tissues of a susceptible mammal following upon subcutaneous inoculation of a virulent culture of a pus-producing organism, e.g., the Pyococcus aureus.

Define briefly the following, terms: (1) positive chemiotaxis basophile cell, antitoxin, serum therapy, necrobiosis.

4. What do you understand by the term "Internal secretion?"
What proof have we of the existence of internal secretions developed by (1) the Pancreas, (2) the Thyroid, (3) the Kidney, (4)

the Testes, (5) the Suprarenals?

5. Mention the histological characters necessary for diagnosis of Adenoma (Thyroid), Carcinoma (Mamma), Fibronyoma (Uterus), Angioma (Liver), Epithelioma (Tongue), Lupus (Cheek), Sarcoma (Bone).

- 6. What are the forms of gall-stones, and what are the conditions favoring their development?
- 7. What are the causes of cardiac hypertrophy, and what the relationship between hypertrophy and distension and dilation of the heart?
- 8. Mention the chief pathological processes of (a) Lymph glands, (b) of the pericardium.

### THIRD YEAR.

### MATERIA MEDICA.

Examiners, ..... PROF. A. D. BLACKADER. Dr. R. A. KERRY.

- 1. What is ether, chloral, hydrate, camphor, creosote, ergot? State as far as you know the physical properties of each.
- 2. Compare the action on the vascular system of belladonna, alcohol, sodium nitrite and strychnine.
- 3. Compare the action on the urinary apparatus of digitalis, squills, salicylic acid and copaiba.
- 4. State the more important official preparations of arsenic, lead, iodine, squills, quinine and jalap, and affix dose to those which may be employed for internal administration.

#### THIRD YEAR.

### HYGIENE AND BACTERIOLOGY.

Examiners		CRAIK. RUTTAN. ADAMI. JOHNSTON.
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- 1. Explain the bacteriological and sanitary bearings of water filtration.
- '2. Name the preventive measures for tuberculosis, small-pox and rabies.
- 3. State technique and sources of error in bacteriological diagnosis of leprosy, gonorrhæa, diphtheria and glanders.
- 4. (a) The air space per head required to maintain the respired air at a wholesome standard has been fixed at 1000 cubic feet. Why?
- (b) A hall contains 400 adults. How much fresh air per hour would be required to keep the total impurity not more than 0.75 of CO<sub>2</sub> per 1000 volumes?

- 5. Give instructions to a town Board of Health regarding the examinations required to ascertain the sanitary value of a proposed surface water supply.
- 6. Give general instructions to an architect about to draw plans for a Canadian country school to accommodate forty pupils.
- 7. Give a succinct account of the pathogenic Micrococci, emphasizing those features differentiating the various species.
- 8. Describe the tetanus bacillus. How does it develop within the organism, and how are produced its pathogenic effects?
- 9. What are Koch's postulates? Classify the microbes generally regarded as pathogenic according to the extent to which the postulates have so far been fulfilled in regard to each. Would the giving of a specific serum reaction by a microbe modify our views with regard to the necessity of fulfillment of all the postulates in order to assure ourselves of the specific pathogenic nature of that microbe?

### MENTAL DISEASES.

Examiner ..... DR. T. J. W. BURGESS.

- 1. What are the leading indications for treatment in acute melan-
  - 2. What features point to a favorable prognosis in acute mania.
- 3. Mention some of the leading symptoms characteristic of primary delusional insanity.
- 4. What form of insanity is most frequent in old age, and state its most prominent features?
- 5. When are physicians in the Province of Quebec not legally qualified to sign a certificate of insanity.

### MEDICAL JURISPRUDENCE.

Examiners...... PROF. GEO. WILKINS.

WYATT JOHNSTON.

- 1. What are the symptoms of poisoning by corrosive sublimate? How would you treat such a case? What localised diseased condition may some of the symptoms resemble? How diagnosed?
- 2. Describe the different modes of dying, and characteristic post mortem appearance of each.

- 3. Explain, in death from hanging with cord between thyroid cartilage and hyoid bone, whether death would be slow or rapid, and anatomical reasons for answer.
  - 4. What are the characteristics of the female skeleton?
  - 5. Distinguish a burn during life from one after death.

### FOURTH YEAR.

#### MEDICINE.

	PROFESSOR J. STEWART.
Examiners	" F. G. FINLEY.
	" H. A. LAFLEUR.
	" A. D. BLACKADER.

- 1. Describe the parasites found in the blood of individuals suffering from malarial infection, and state what is known of the life history of the Plasmodium Malariæ.
- 2. Give the causes, symptoms and physical signs of Pneumothorax. (30)
- 3. Mention the thoracic complications which may develop in the course of Acute Rheumatism. Describe fully the clinical features, course and treatment of any one of them. (35)
  - 4. Describe the prominent clinical features of :-
    - (a) Tuberculous Meningitis,
    - (b) Meningitis from suppurative middle ear,
    - (c) Epidemic Cerebro Spinal Meningitis. (35)
- 5. Discuss the nature and sketch the treatment of a case of early Tabes Dorsalis.
- 6. What clinical evidence of Thoracic Aneurism can be obtained in the absence of tumor? (35)
  - 7. Classify the Secretory Neuroses of the stomach. (30)
- 8. Under what conditions should an infant of four months be directed to be fed artificially? What food should be given to such an infant, and how would you recognize it such food agreed? (35)
- 9. A man, 45 years of age, a free liver of sedentary habits, who had previously been in good health with the exception of temporary "bilious attacks" that could be attributed to alcoholic excesses, has had for eight months pain of a rather severe and paroxysmal character localized about epigastrium, accompanied by a little elevation of tem

perature and nausea with at times vomiting. These attacks occur at irregular intervals and last from one to three hours, and have become more frequent during the last three months. He has never been jaundiced, but has lost from 15 to 20 pounds in weight during his illness. In the intervals between attacks he feels fairly well, but finds that he is not capable of much mental or physical effort. He has no special digestive disturbance apart from the occurrence of the epigastric pain. The examination of the abdomen shortly after one of his attacks of pain shows nothing but a slight sensitiveness to pressure over the epigastrium; rigidity of the upper segment of the right rectus abdominis muscle and a doubtful mass just at the border of the ribs. There are cardio vascular changes (including a faint aortic regurgitant murmur) rather more advanced than are usual in a man of his age, and a trace of albumen in the urine passed during the afternoon and evening hours. What is the probable diagnosis of this case, and what ad titional examination of the patient would you advise to enable you to come to a definite conclusion?

### FOURTH YEAR.

### EXAMINATION IN OBSTETRICS.

Examiner, ..... Prof. J. C. Cameron.

- 1. Given a Vertex presentation (R. O. P.) at the brim, describe fully the subsequent mechanism of labor (1st and 2nd stages), explaining why forward rotation generally takes place, but not always.
  - 2. Hemorrhage during 3rd stage; give causes and treatment.
- 3. What are the indications and contraindications for the following drugs during the third stage of labor and during the puerperium:
  - (a) Chloroform.
  - (b) Ether.
  - (c) Ergot.
  - (d) Strychnia.
  - (e) Veratum Viride.
- 4. Suddenly on June 1st a V para, act. 35, was seized with severe pain in the lower abdomen, followed by faintness and nausea. Menstruation always regular and normal; the last period ended on March 8th; shortly afterwards she suffered from morning sickness, and early in April a sero-sanguineous flow began, which has kept up intermittingly ever since. The uterus is enlarged, but not painful to touch; the cervix is softened; the os patulous, and there is some

tenderness on deep pressure over the right iliac fossa; the pain occasionally extending to the right hip and down the right thigh. Her general condition is good, temperature, pulse and general functions being normal.

Describe fully how you would proceed to make a diagnosis, and what line of treatment would you adopt?

5. Infant feeding: What are the chief difficulties in the way of obtaining a perfect substitute for mother's milk? What are the chief points of difference between breast milk and cow's milk, and how may the latter be modified so as to make a food suitable for infants of different ages at different seasons of the year? What artificial food would you prescribe for an infant one week old?

### GYNECOLOGY.

Examiner, ..... Prof. Wm. GARDNER.

- 1. Give the symptoms which indicate the necessity for physical examination of the female sexual organs.
  - 2. Causation and diagnosis of chronic metritis.
- 3. Classification of the causes of uterine displacements, and most important examples of each.
- 4. Classification of Oophoro-Salpingitis, etiologically and morphologically considered.

### OPHTHALMOLOGY.

Examiner ...... Professor F. Buller.

- 1. Explain the use of:-
  - (a) Concave spherical glasses,
  - (b) Convex do do
  - (c) Cylindrical glasses.
- 2. Atropine and eserine in ocular therapeutics. Describe their action and uses.
- 3. Give the differential diagnosis between Iritis and Acute Glaucoma.
- 4. Mention the different varieties of cataract, and state the period of life in which each is most likely to be seen.
- 5. Describe a case of acute suppurative Otitis Media, such as often occurs in scarlet fever, and state how such cases may terminate, also how you would treat such cases.

6. Give the differential diagnosis between acute inflammatory affections of the external ear and of the middle ear, also state explicitly what constitutes the middle ear.

### SURGERY.

Examiners, ..... PROF. T. G. RODDICK.
Dr. J. M. ELDER.
Dr. A. E. GARROW.

- 1. Describe briefly the conditions favoring Surgical Infection.
- 2. What Bone Lesions are likely to follow Typhoid Fever? Mention the commoner sites and general principles of treatment.
- 3. Explain the term Secondary Hæmorrhage. State briefly the causes to which it may be due, and give the treatment usually adopted.
- 4. What are the symptoms arising from rupture of the Middle Meningeal Artery of the right side? Describe the treatment you would adopt.
- 5. Describe (a) Whitehead's, and (b) Kocher's operations for Excision of the Tongue, and state under what conditions you would prefer one operation to the other.
- 6. Aneurism of the Popliteal Artery: describe the symptoms and treatment by Ligature.
- 7. Give the preventive treatment that should be employed in the case of a wound possibly infected with Tetanus Bacillus, and the treatment to be employed after the disease has developed.
- 8. Name the parts which are divided and the structures to be avoided in performing the operation of Excision of the Elbow Joint. What extent of motion should follow a successful operation?
- 9. What are the varieties of Renal Calculus? Give the symptoms of Stone in the Kidney, and describe the operation of Nephro-Lithotomy.
- 10. Give briefly the symptoms, pathological appearances and treatment of Tuberculosis of the Bladder in the early stage.

## McGILL UNIVERSITY

# FACULTY OF MEDICINE

ANNUAL CALENDAR

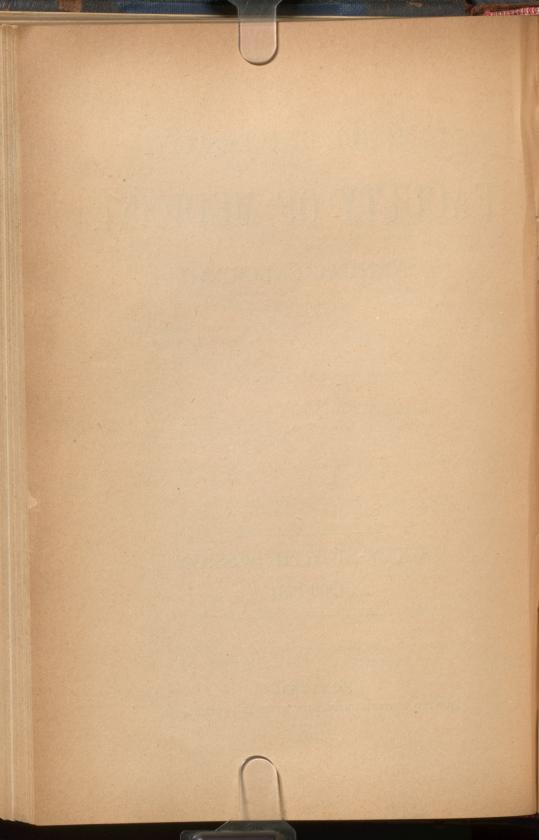


### SIXTY-EIGHTH SESSION 1900-1901

MONTREAL:

PRINTED FOR THE UNIVERSITY BY JOHN LOVELL & SON.

1900.



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## ALMANAC, 1900-1901.

Ultimasso

		1900×1901.
7	th Mon	
	1 S M T W	J.
	5 TH	real). Matriculation Exam. C. P. & S., New Brunswick (at St. John).
_	-	receifing of Medical Faculty.
8		
10		
11	10,	
12	/ / / / / / / / / / / / / / / / / / / /	
13	1 11.	
14		Registration in Nova Scotia.
15	S.	Dr W D.L.
16	M.	Dr. W. Robertson died, 1844.
17	Tu.	
18	W.	
19	Тн.	
20	F.	
21	S.	
22	S.	
23 24	M.	A SUPPLIES OF THE SUPPLIES OF
25	Tu. W.	
26	TH.	
27	F	
28	S.	
29	S.	
30	M.	
31	Tu.	Dr. R. L. MacDonnell died, 1891.
		5, men died, 1091.

10th	Month.	OCTOBER xxxi days. 1900.
1	М.	
2	Tu.	
3	W.	
4	TH.	
5	F.	James McGill born, 1744, Founder's day.
6	S.	(McGill Medical Society, annual meeting.
0	٥.	Meeting of the Medical Faculty.
7	S.	E Union died 1569
8	M.	Fallopius died, 1562.
9	Tu.	A. F. Holmes died, 1860. Professional Exams. C.P.S., Ont.
	W.	Meeting of Corporation.
10	W. TH.	Registration in Nova Scotia.
11 12	F.	Sports Day.
13	S.	Reamur died, 1757.
$\frac{15}{14}$	S.	
14	M.	Vesalius died, 1564.
16	Tu.	
17	W.	
18		Matriculation Prov. Med. Council Nova Scotia.
19		Register closes for session 1900-1901.
		Meeting of Governors.
20	S.	Baillie born, 1761.
21	S.	
22		
23		
24		
25		
26		
27		
28		135 1 7 1 1004
29		Lectures began in Montreal Med. Ins. in 1824.
30		
3	1   W.	Exams, and Regist'n. C.P.S., British Columbia

11t	h Month	. NOVEMBER xxx days. 1900.
1	Тн.	
2	F.	
3	S.	Meeting of Medical Faculty.
4	S.	
5	M.	
6	Tu.	First Lectures delivered in Med. Faculty, 1829
7	W.	Dr. Geo. Ross died, 1892.
8	Тн.	
9	F.	
10	S.	
11	S.	Bichat born, 1771.
12	M.	
13	Tu.	
14	W.	
15	Тн.	
16	F.	Meeting of Governors.
17	S.	
18	S.	Sir Wm. Dawson died, 1899.
19	M.	
20	Tu.	
21	W.	
22	Тн.	
23	F.	
24	S.	
25	s.	
26	M.	
27	Tu.	
28	W.	
29	Тн.	
30	F.	
1		

12th	Month.	DECEMBER xxxi days. 1900.
1	S.	Meeting of Medical Faculty.
2	S.	
3	M.	
4	Tu.	
5	W.	
6	Тн.	
7	F.	
8	S.	
9	S.	
10	M.	Sessional Examinations begin.
11	Tu.	
12	W.	
13	Тн.	
14	F.	James McGill died, 1813.
15	S.	
16	S.	
17.	M.	
18	Tu.	
19	W.	
20	Тн.	M. dianas Communa Automa Tananada
21	F.	Meeting of Governors. Autumn Term ends.
22	S.	Pott died, 1788.
23	S.	
24	M.	
25	Tu.	Christmas Day.
26	W.	Peyer born, 1653.
27	Тн.	
28	F.	
29	S.	
30	S.	
31	M.	Boerhaave born, 1688.

1st	Month.	JANUARY xxxi days. 1901.
1	Tu.	New Year's Day. Royal Victoria Hospital opened 1894.
2	W.	( Royal Victoria Hospital opened 1094.
3	Тн.	Linacre born, 1460.
4	F.	
5	S.	Meeting of Medical Faculty.
6	S.	
7	M.	Winter_Term begins,
8	Tu.	Registration in Nova Scotia.
9	W.	Exams. C.P.S., North West Territories.
10	TH.	
11	F.	
12	S.	
13	S.	
14	M.	Lower born, 1653.
15	Tu.	
16	W.	
17	TH.	
18	F.	
19	S.	Meeting of Governors.
20	s.	
21	M.	Dr. Wm. Caldwell died, 1883.
22	Tu.	
23	W.	
24	TH.	
25	F.	
26	S.	
27	S.	
28	M.	
29	Tu.	Charter granted to Mont. Gen. Hospital, 1823
30	W.	
31	Тн.	

1       F.         2       S.         3       S.         4       M.         5       Tu.         6       W.         7       Th.         8       F.         9       S.         10       S.         11       M.         12       Tu.         13       W.         14       Th.         15       F.         16       S.         17       S.         18       M.     Meeting of Medical Faculty.   Prof. Sutherland died, 1875.  Willis born, 1622.   Willis born, 1622.  Meeting of Corporation.  { Laennec born, 1781. John Hunter born, 1728.  Prof. Hall died, 1868.  Meeting of Governors.  S.	2nd	Month.	FEBRUARY xxviii days. 1901.
3	1	F.	
4       M.       Prof. Sutherland died, 1875.         5       Tu.       W.         6       W.       Willis born, 1622.         7       Th.       F.         9       S.         10       S.         11       M.         12       Tu.         13       W.         Meeting of Corporation.         { Prof. Hall died, 1868.         Meeting of Governors.         15       F.         16       S.         17       S.         18       M.	2	S.	Meeting of Medical Faculty.
5 Tu. 6 W. 7 Th. 8 F. 9 S.  10 S. 11 M. 12 Tu. 13 W. Meeting of Corporation. { Laennec born, 1781. John Hunter born, 1728 Prof. Hall died, 1868.  Meeting of Governors.  17 S. 18 M.	3	S.	
6 W. TH. 8 F. 9 S. 10 S. 11 M. 12 TU. 13 W. Meeting of Corporation. 14 TH. { Laennec born, 1781. John Hunter born, 1728 Prof. Hall died, 1868. Meeting of Governors. 17 S. 18 M.	4	M.	Prof. Sutherland died, 1875.
7 TH. 8 F. 9 S.  10 S. 11 M. 12 TU. 13 W. Meeting of Corporation. 14 TH. { Laennec born, 1781. John Hunter born, 1728 Prof. Hall died, 1868.  15 F. 16 S.  17 S. 18 M.	5	CONTRACTOR OF STREET	
8 F. S.  10 S.  11 M. 12 Tu. 13 W. Meeting of Corporation. 14 Th. { Laennec born, 1781. John Hunter born, 1728 Prof. Hall died, 1868.  15 F. Meeting of Governors.  17 S. 18 M.			Willis born, 1622.
9 S.  10 S.  11 M.  12 Tu.  13 W. Meeting of Corporation.  14 Th. { Laennec born, 1781. John Hunter born, 1728 Prof. Hall died, 1868.  15 F. Meeting of Governors.  16 S.  17 S.  18 M.			
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11       M.         12       Tu.         13       W.         14       Th.         15       F.         16       S.         17       S.         18       M.     Meeting of Corporation.  {	9	S.	
12       Tu.         13       W.         14       Th.         15       F.         16       S.         17       S.         18       M.    Meeting of Corporation.     Yellow Free Corporation.     Yello			
13       W.       Meeting of Corporation.         14       TH.       { Laennec born, 1781. John Hunter born, 1728 }         15       F.       Meeting of Governors.         16       S.         17       S.         18       M.			
14 TH. { Laennec born, 1781. John Hunter born, 1728		Control of the Contro	
14 1H. { Prof. Hall died, 1868. 15 F. Meeting of Governors. 16 S.   S.     17 S.   18 M.	13	W.	Meeting of Corporation.
16 S. 17 S. 18 M.	14	Тн.	Laennec born, 1781. John Hunter born, 1728. Prof. Hall died, 1868.
17 <b>S.</b> 18 M.			Meeting of Governors.
18 M.	16	S.	
	17	S.	
	18	M.	
19 Tu.	19	Tu.	
20 W. Ash Wednesday.	20	W.	Ash Wednesday.
21 Тн.	21	Тн.	
22 F.			
23 S.	23	S.	
24 <b>S.</b> Albinus born, 1697.	24	S.	Albinus born, 1697.
25 M. Morgagni born, 1682.	25	M.	Morgagni born, 1682.
26 Tu.	26	Tu.	
27   W.	27	W.	
28 Тн.	28	TH.	
			<b>《大学》,《大学》,《大学》,《大学》</b>

3rd	Month.	MARCH xxxi days. 1901.
1	F.	Meeting of Medical Faculty.
2	S.	
3	S.	
4	M.	
5	Tu.	
6	W.	
7	Тн.	
8	F.	
9	S.	
10	S.	Malpighi born, 1628.
11	M.	
12	Tu.	
13	W.	
14	Тн.	Marking of Commen
15	F.	Meeting of Governors.
16	S.	<b>一种企业,</b>
17	S.	St. Patrick's Day.
18	M.	
19	Tu.	
20	W.	
-1	Тн.	Winter Term ends.
22	F.	
23	S.	
24	S.	
25	M.	
26	Tu.	
27	W.	Prof. R. P. Howard died, 1889.
28	Тн.	Convocation for Degrees in Vet. Science.
29	F.	
30	S.	
31	S.	

4th N	Month.	APRIL xxx days. 1901.
1 2 3 4 5 6	M. Tu. W. Th. F. S.	Abernethy born, 1764.  Good Friday.  Meeting of Medical Faculty.
7 8 9 10 11 12 13	M. Tu. W. Th. F.	Easter Sunday.  Spring Term begins.  Meeting of Corporation.  Sydenham born, 1624.
14 15 16 17 18 19 20	S. M. Tu. W. Th. F. S.	Registration in Nova Scotia.  Meeting of Governors.
21 22 23 24 25 26 27	S. M. Tu. W. Th. F. S.	Shakespeare born, 1564.
28 29 30	S. M. Tu.	Conv. for degrees in Arts, Law & App. Sciences Graduate Course in Medicine begins.

5th	Month.	MAY xxxi days. 1901.
1	W.	Exams. and Regist. C. P. & S., Br. Columbia
2	Тн.	
3	F.,	
4	S.	Meeting of Medical Faculty
5	S.	
6	M.	
7	Tu.	
8	W.	
9	TH.	Exams. C. P. S., North West Territories.
10	F.	
11	S.	
12	S.	
13	M.	
14	Tu.	Heberden born, 1710.
15	W.	
16	Тн.	Primary and final examins. C. P. & S., Ont.
17	F.	Edward Jenner born, 1749.  Meeting of Governors.
18	S.	
19	S.	
20	M.	
21	Tu.	Prof. Scott died, 1883.
22	W.	
23	Тн.	( O Vistorio ham a con
24	F.	§ Queen Victoria born, 1819. Lectures end.
25	S.	( Dectares end.
26	S.	
27	M.	Examinations begin.
28	Tu.	§ Prof. G. W. Campbell died, 1882. § John H. R. Molson died, 1897.
29	W.	( John 11, IX. Moison died, 109/.
30	Тн.	
31	F.	

6th	Month.	JUNE xxx days. 1901.
1	S.	Meeting of Medical Faculty.
2	S.	
3	M.	
4	Tu.	Corner-stone Mont. Gen. Hospital laid, 1821.
5	W.	
6	Тн.	
	T	Eustachius died, 1574.
7	F.	Post-Graduates Course ends.
8	S.	Charles and the second
9	S.	1 Madiale
10	M.	Matriculation Exams. Arts and Medicine.
11	Tu.	C.P.C. New Perpayrials
12	W.	Meeting of Corporation, C.P.S., New Brunswick
13	Тн.	(Spring Term ends.
14	F.	Convocation for conferring degrees in Med.
15	S.	
16	S.	
17	M.	
18	Tu.	
19	W.	Rolando born, 1773.
20	TH.	Queen Victoria's Ascension, 1837.
21	F.	Matriculation Col. P. & S., Quebec (at Mont.)
		Meeting of Governors.
22	S.	
23	S.	
24	M.	Montreal Medical Institution became Medical
25		Faculty, 1829.
26		D CD 11 11-1 10-1
27		Prof. Fenwick died, 1894.
28		O Vistoria growned 1828
29	S.	Queen Victoria crowned, 1838.
30	s.	

# Benefactors of the Faculty of Medicine.

### I.—LEANCHOIL ENDOWMENT.

This endowment, established in 1883, has been invested and the interest applied to the general expenses of the Faculty.

Lord Strathcona and Mount Royal, G.C.M.G.......\$50,000

### II.—CAMPBELL MEMORIAL ENDOWMENT.—\$48,906.

Established in 1883 to commemorate the services rendered to the Faculty during forty years by the late Dean, George W. Campbell, M.D., LL.D.

This fund has also been invested, and the income from it utilised for general expenses of the Faculty.

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Richmond, Q.) 100 cott)	15						
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BC)	10						
D. Cluness, M.D (Nanaimo, B.C.)	10						
TOO I W. Oliver, M. D. (	Clit-						
TT D: 1 1 9- Co TOO ton ())	10						
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W A Dver. Esq 100 O.)	10						
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A Day M.D. (Dur	rham,						
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R. L. McDonnell, M. D 100 J. McDiarmid, W. D. (1	5						
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(Comphallton N.B.)	5						
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T I Forlay M.D. (Relle- David, O.)	5						
ville) 25 J. A. McArthur, M.D.	(Fort						
Henry R. Gray, Esq 25 Elgin, O.) John Campbell, M.D.	(Sea-						
Louis T. Marceau, M.D. John Campbell, M.D. (Napierville, Q.) 25	5						
III.—THE DRAKE ENDOWMENT.							
Given as an annual donation from 1891 to 1897 of \$500	per annum						
towards the expenses of the chair of Physiology.							
Contribution in 1897 towards the endowment of the Jos	eph Morley						
Drake chair of Physiology.							
Walter Drake \$10,000							
IV.—THE DR. GEO. MAJOR DONATION.							
Prof. Geo. Major, in 1892, contributed \$500 towards the chair of							
Pathology.							
Dr. Geo. Major \$500							
· · · · · · · · · · · · · · · · · · ·							

### V.—THE DOW BEQUEST.

A bequest from the late Mrs. Mary Dow in 1892, the interest from which is devoted to the general expenses of the Faculty.

### VI.—THE MRS. JOHN McDougall's Donation.

A donation from Mrs. John McDougall in 1892 to bear Dr. Craik's name, the interest on which is applied to the general expenses of the Medical Faculty.

### VII.—THE MOLSON FUND.

A donation from the late Mr. John H. R. Molson in 1893 to enable the Faculty to purchase land and erect an additional wing to its buildings.

VIII.—THE LORD STRATHCONA AND MOUNT ROYAL ENDOWMENT.

An endowment in 1893 of the chairs of Pathology and Sanitary Science.

Lord Strathcona and Mount Royal..... \$100,000

### IX.—THE LEARMONT BEQUEST.

A bequest, in 1894, from Miss Jane Learmont, to bear Dr. Craik's name, the interest on which is applied to the general expenses of the Faculty.

The late Miss Jane Learmont.....\$3,000

X.—THE LORD STRATHCONA AND MOUNT ROYAL BUILDING FUND.

A donation in 1898 in the names of Lady Strathcona and the Honorable Mrs. Howard, to enable the Faculty to meet the increased demand for laboratory accommodation.

 Lady Strathcona.
 \$50,000

 Hon. Mrs. Howard.
 50,000

### Officers and Members of the Faculty.

SINCE ITS ORIGIN.

### DEANS.

Dr. W. ROBERTSON, official head of the Montreal Medical Institution 1823, succeeded by Dr. John Stephenson in 1829 as Registrar and Official head of the Faculty up to 1842, when he was succeeded by Dr. A. F. HOLMES with title of Secretary. Dr. A. F. Holmes was the first Dean, 1854.

GEO. W. CAMPBELL, 1860. R. P. HOWARD, 1882.

ROBT. CRAIK, 1889. GEORGE Ross (vice-Dean), 1889.

### REGISTRARS.

JOHN STEPHENSON, 1829. ARCHIBALD HALL, 1842.

ROBT. CRAIK, 1869. WILLIAM OSLER, 1877. F. J. SHEPHERD, 1883 (acting). JAS. STEWART, 1884.

WILLIAM WRIGHT, 1864.

R. F. RUTTAN, 1891.

### CHAIR OF MEDICINE.—(Founded 1824.)

WILLIAM CALDWELL, 1824. GEORGE Ross, 1889. WILLIAM ROBERTSON, 1833. JAMES STEWART, 1893.

ANDREW F. HOLMES, 1842. F. G. FINLEY (Asst. Prof.) 1894. R. PALMER HOWARD, 1860. H. A. LAFLEUR (Asst. Prof.) 1894.

### CHAIR OF SURGERY.—(Founded 1824.)

JOHN STEPHENSON, 1824. G. W. CAMPBELL, 1835.

GEO. E. FENWICK, 1875. T. G. RODDICK, 1890.

JAS. BELL (Asst. Prof.) 1891-1894.

### CHAIR OF MIDWIFERY.—(Founded 1824.)

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ARCHIBALD HALL, 1854. D. C. MACCALLUM, 1868. ARTHUR A. BROWNE, 1883. I. CHALMERS CAMERON, 1886.

### CHAIR OF ANATOMY.—(Founded 1824.)

John Stephenson, 1824. Wm. E. Scott, 1856.
OLIVER T. BRUNEAU, 1842. Francis J. Shepherd, 1883.

### CHAIR OF CHEMISTRY.—(Founded 1824.)

ANDREW F. HOLMES, 1824. ROBT CRAIK, 1867.
ARCHIBALD HALL, 1842. GILBERT P. GIRDWOOD, 1879.
WILLIAM SUTHERLAND, 1849. R. F. RUTTAN (Asst. Prof.) 1891-4.

### CHAIR OF PHYSIOLOGY.—(Founded 1824, Endowed 1897.)

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### CHAIR OF PHARMACOLOGY AND THERAPEUTICS. (Founded 1824.)

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ARCHIBALD HALL, 1835.

WILLIAM WRIGHT, 1854.

STEPHEN C. SEWELL, 1842.

JAMES STEWART, 1883.

A. D. BLACKADER, 1891.

### CHAIR OF BOTANY.—(Founded 1829.)

Andrew F. Holmes, 1829. James Barnston, 1857.
Dr. Papineau, 1845. J. W. Dawson, 1855 and 1858.
D. P. Penhallow, 1883.

### CHAIR OF CLINICAL MEDICINE—(Founded 1845.)

JAMES CRAWFORD, 1845 and 1852. DUNCAN C. MACCALLUM, 1860.
ROBT. L. MACDONNELL, 1849. JOSEPH M. DRAKE, 1868.
STEPHEN C. SEWELL, 1850. GEORGE ROSS, 1872.
R. PALMER HOWARD, 1856. RICH'D L. MACDONELL, 1889.

JAMES STEWART, 1891.

F. G. FINLEY (Asst. Prof.) 1894-6. H.A. LAFLEUR (Asst. Prof.) 1895-6

(Assoc. Prof.) 1896.

(C. E. MARTIN (Asst. Prof.) 1899.

### CHAIR OF CLINICAL SURGERY .- (Founded 1845.)

James Crawford, 1845. George E. Fenwick, 1867.
WILLIAM E. Scott, 1852. Thomas G. Roddick, 1875.
Duncan C. MacCallum, 1856. James Bell (Asst. Prof.) 1891-94.
Robert Craik, 1860. James Bell, 1894.
Geo. E. Armstrong (Asst. Prof.) 1894-6.
(Assoc. Prof.) 1896.

### CHAIR OF MEDICAL JURISPRUDENCE. (Founded 1845.)

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FRANCIS BADGLEY, 1849.

FRANCIS C. T. ARNOLDI, 1850.

WILLIAM E. SCOTT, 1851.

WILLIAM WRIGHT, 1852.

R. PALMER HOWARD, 1854.

DUNCAN C. MACCALLUM, 1860.

GEORGE E. FENWICK, 1867.

WILLIAM GARDNER, 1875.

GEORGE WILKINS, 1883.

### CHAIR OF HYGIENE AND PUBLIC HEALTH. (Founded 1871, Endowed 1893.)

GEORGE ROSS, 1871. WILLIAM GARDNER, 1879.
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### CHAIR OF PRACTICAL CHEMISTRY. (Founded 1872.)

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R. F. RUTTAN, 1894.

### CHAIR OF OPHTHALMOLOGY AND OTOLOGY. (Founded 1883.)

FRANK BULLER, 1883.

### CHAIR OF GYNÆCOLOGY.—(Founded 1883.) WILLIAM GARDNER, 1883.

CHAIR OF PATHOLOGY.—(Founded 1892, Endowed 1893.)
J. Geo. Adami, 1892.

CHAIR OF LARYNGOLOGY.—(Founded 1893.)
G. W. Major, 1893.
H. S. Birkett, 1895.

# Hoberning Pody of the Aniversity.

### VISITOR:

HIS EXCELLENCY THE RIGHT HONOURABLE THE EARL OF MINTO, K.C.M.G., LL.D., P.C.

GOVERNOR-GENERAL OF CANADA, ETC.

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[Being the Members of the Royal Institution for the Advancement of Learning.]

THE RIGHT HON. LORD STRATHCONA AND MOUNT ROYAL, G.C.M.G., LL.D. (Hon. Cantab.), President and Chancellor of the University.

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(The Board of Governors has, under the Royal Charter, the power to frame Statutes, to make Appointments, and to administer the Finances of the University.)

#### PRINCIPAL.

WILLIAM PETERSON, M.A., LL.D., Vice-Chancellor.

(The Principal has, under the Statutes, the general superintendence of all affairs of the College and University, under such regulations as may be in force.)

### FELLOWS:

Ex Officio.

ALEXANDER JOHNSON, M.A., LL.D., D.C.L., F.R.S.C., Vice-Principal and Dean of the Faculty of Arts.

HENRY T. BOVEY, M.A., D.C.L., LL.D., F.R.S.C., M.Inst.C.E., Dean of the Faculty of Applied Science.

ROBERT CRAIK, M.D., LL.D., Dean of the Faculty of Medicine.

DUNCAN McEACHRAN, D.V.S., Dean of the Faculty of Comparative Medicine and Veterinary Science.

F. P. WALTON, B.A., LL.B., Dean of the Faculty of Law.

S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.

To retire on 1st September, 1900.

JOHN REDPATH DOUGALL, M.A., Representative Fellow in Arts.

REV. E. I. REXFORD, B.A., Governors' Fellow.

REV. JAMES BARCLAY, M.A., D.D., Governors' Fellow.

MALCOLM C. BAKER, D.V.S., Elective Fellow, Faculty of Comparative Medicine and Veterinary Science.

ALEXANDER FALCONER, B.A., B.C.L., Representative Fellow in Law,

CHAS. E. MOYSE, B.A., Elective Fellow, Faculty of Arts.

JOHN COX, M.A., F.R.S.C., Elective Fellow, Faculty of Arts.

REV. W. I. SHAW, M.A., LL.D., Representative Fellow, Montreal Wesleyan Theological College. FRANK D. ADAMS, M.A.Sc., Ph.D., Representative Fellow in Applied

Science.

REV. DONALD MACRAE, C.D., Representative Fellow, Morrin College. Quebec, Q., Principal of the College.

To retire on 1st September, 1901.

BERNARD J. HARRINGTON, M.A., LL.D., Ph.D., F.G.S., F.R.S.C., Elective Fellow, Faculty of Applied Science.

FREDERICK W. KELLEY, B.A., Ph. D., Representative Fellow in Arts. R. F. RUTTAN, B.A., M.D., F.R.S.C., Elective Fellow, Faculty of Medicine. C. H. GOULD, B.A., Governors' Fellow.

D. P. PENHALLOW, B.Sc., M.A.Sc., Elective Fellow, Faculty of Arts.

HON. JOHN S. HALL, B. A., B. C.L., Governors' Fellow.

REV. J. HENRY GEORGE, D.D., Ph.D., Representative Fellow, Congregational College of Canada, Principal of the College.

C. W. WILSON, M.D., Representative Fellow in Medicine,

A. E. C. MOORE, D.V.S., Representative Fellow in Comparative Medicine and Veterinary Science.

REV. HENRY M. HACKETT, M.A., B.D., Representative Fellow, Montreal Diocesan Theological College, Principal of the College.

#### To retire on 1st September, 1902.

Rev. D. H. MACVICAR, D.D., LL.D., Representative Fellow, Presbyterian College, Montreal, Principal of the College.

REV. J. CLARK MURRAY, LL.D., F.R.S.C., Elective Fellow, Faculty of

T. WESLEY MILLS, M.A., M.D., F.R.S.C., Representative Fellow in Medicine.

C. H. McLEOD, Ma.E., F.R.S.C., Representative Fellow in Applied Science.
Rev. C. R. FLANDERS, B.A., D.D., Representative Fellow, Stanstead Wesleyan College, Stanstead, Que., Principal of the College.

G. CUNNINGHAM WRIGHT, B.C.L., Representative Fellow in Law. ARCHIBALD McGOUN, M.A., B.C.L., Elective Fellow, Faculty of Law. F. J. SHEPHERD, M.D., Elective Fellow, Faculty of Medicine.

G. H. CHANDLER, M.A., Elective Fellow, Faculty of Applied Science.

W. W. WHITE, M.D., St. John, N.B., non-resident Representative Fellow (Maritime Provinces and Newfoundland).

W. A. CARLYLE, Ma E., Victoria, B.C., non-resident Representative Fellow (British Columbia, Manitoba and North West Territories). ROBERT W. ELLS, M.A., LL.D., Ottawa, non-resident Representative Fellow (Ontario).

WM. OSLER, M.D., LL.D., Johns Hopkins University, non-resident Representative Fellow (United States).

(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching the Course of Study, Matriculation, Graduation and other Educational matters, and to grant Degrees.)

## SECRETARY, REGISTRAR, AND BURSAR :-

[And Secretary of the Royal Institution.] W. VAUGHAN, OFFICE, EAST WING, MCGILL COLLEGE.

Office Hours: 9 TO 5.

JAMES W. BRAKENRIDGE, B.C.L. SAMUEL R. BURRELL, Clerk.

# Achill Aniversity General Innouncement.

## SESSION OF 1900-1901.

The Sixty-eighth Session of the University, being the forty-eighth under the amended Charter, will commence in the autumn of 1900.

By virtue of the Royal Charter, granted in 1821, and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties in McGill College and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and, while all possible attention will be given to the character and conduct of students, no interference with their individual views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the affiliated Colleges and Schools.

#### I.—McGILL COLLEGE.

THE FACULTY OF ARTS.—The courses of study extend over four Sessons of eight months each. In the third and fourth years, extensive options and certain exemptions are allowed to students of medicine. The course of study leads to the Degrees of B.A., B.Sc., M.Sc., D.Sc., and D.Litt.

The Degree of B.A. from this University admits the holder to the study of the learned professions without preliminary examination in the Provinces of Quebec and Ontario, and in Great Britain and Ireland, etc.

The Degree of B.A. or B.Sc. can be obtained along with the degree in the Faculty of Medicine or of Applied Science in six years, or of Law in five years. This is effected by avoiding the duplication of courses in the same subjects or in those which give the same educational training, and by a proper adaptation of the time tables. A certificate of Literate in Arts will be given along with the degree in either Faculty to candidates who have completed two years in Arts before entering the Professional Faculty.

THE COURSE IN ARTS provides for the education of women in separate classes, with course of study, exemptions, degrees and honours identical with those for men.

THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, Electrical Engineering, Practical Chemistry and Architecture, leading to the Degrees of B.Sc., M.Sc., and D.Sc.

THE FACULTY OF LAW.—The complete course of Law extends over three Sessions of eight months each, and leads to the Degrees of

B.C.L. and D.C.L.

THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions of nine months each, and leads to the Degrees of M.D., C.M.

THE FACULTY OF COMPARATIVE MEDICINE AND VETERINARY SCIENCE.

—The complete course extends over three Sessions of six months each, and leads to the Degree of D.V.S.\*

#### II.—AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study in the Affiliated College, or in part in the Affiliated College, or in part in McGill College, as the case may be, and may come up to the University Examinations on the same terms with the students of McGill College.

Morrin College, Quebec.—Is affiliated in so far as regards Degrees in Arts and Law. (Detailed information may be obtained from

Rev. Donald Macrae, D.D., Principal.)

St. Francis College, Richmond, P.Q.—Is affiliated in so far as regards the Intermediate Examinations in Arts. (Detailed information may be obtained from J. A. Dresser, B.A., Principal.)

THE STANSTEAD WESLEYAN COLLEGE, Stanstead, P.Q.—Is affiliated in so far as regards the Intermediate Examination in Arts. (Detailed information may be obtained from the Rev. C. R. FLANDERS, B.A., D.D., Principal.)

VANCOUVER COLLEGE, Vancouver, B.C.—Is affiliated in so far as regards the work of the first year in Arts. (Detailed information

may be obtained from A. Robinson, B.A., Principal.)

#### III.—AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF CANADA, Montreal.—Principal, Rev. J. Henry George, D.D., Ph.D., 58 McTavish Street.

<sup>\*</sup> The complete Calendar, with information respecting all the Faculties, &c., may be obtained from W. Vaughan, Esq., registrar of the University.

THE PRESBYTERIAN COLLEGE, Montreal, in connection with the Presbyterian Church in Canada.—Principal, Rev. D. H. MacVicar, D.D., LL.D., 69 McTavish Street.

THE DIOCESAN COLLEGE OF MONTREAL.—Principal, Rev. H. M.

HACKETT, M.A., B.D., 201 University Street.

THE WESLEYAN COLLEGE OF MONTREAL.—Principal Rev. W. I. SHAW, M.A., LL.D., 228 University Street.

[Calendars of the above Colleges and all necessary information may be obtained on application to their Principals.]

## IV.-McGILL NORMAL SCHOOL.

THE McGILL NORMAL SCHOOL provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas, and may, on conditions stated in the announcement of the School, enter the classes in the Faculty of Arts for Academy Diplomas and for the Degree of B.A. Principal, S. P. ROBINS, LL.D., 32 Belmont Street, Montreal.

#### V.—AFFILIATED HIGH SCHOOLS, ETC.

The Trafalgar Institute for the Higher Education of Women, Simpson Street, Montreal; Principal, Miss Grace Fairley. The High School of Montreal and the Girls' High School of Montreal, Metcalfe Street; Principal, Rev. Elson I. Rexford, B.A.

Schools which have prepared successful candidates for A.A. or for

matriculation (June, 1899).

Abingdon school, Montreal; Montreal Coll. Inst.; St. John the Evangelist School, Montreal; Miss Symmers' and Miss Smith's School, Westmount Academy; Almonte High Montreal; Aylmer Academy; Bedford Academy; Brantford Coll. Inst.; Chicoutimi Protestant School; Clarenceville Model School; Coaticook Acad.; Compton Ladies' Coll.; Cookshire Acad.; Cowansville Acad.; Danville Acad.; Dufferin Grammar School; Dunham Ladies' Coll.; Enfield School; Feller Inst.; Gananoque High School; Granby Acad.; Huntingdon Acad.; Knowlton Acad.; Lachute Academy; Lennoxville Model School; Magog Model School; Ormstown Academy; School; Orangeville High Ottawa Coll. Inst.; Pembroke High School; Portage du Fort Model School; Quebec High School; Girls' High School, Quebec; Renfrew High School; Church School for Boys, Rothesay, N.B.; Shelburne Acad., N.S.; Sherbrooke Acad.; Stanstead Wesleyan Coll.; Sutton Acad.; St. Francis Coll. School; St. Johns' High School; Bishop Field Coll., St. John, Nfld.; Three Rivers Acad.; Buckland Coll., Vancouver, B.C.; Waterloo Acad.; Williamstown High School.

# Faculty of Medicine.

WILLIAM PETERSON, M.A., LL.D., Principal.
ALEXANDER JOHNSON, M.A., LL.D., Vice-Principal.
ROBERT CRAIK, M.D., LL.D., Dean.
R. F. RUTTAN, B.A., M.D., Registrar.
J. G. ADAMI, M.A., M.D., Director of the Museum.
F. G. FINLEY, M.B. (Lon.), M.D. (McGill), Librarian.

#### EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica, 84 St. Famille Street. Duncan C. MacCallum, M.D., Midwifery, 45 Union Avenue. Sir William Dawson, C.M.G., LL.D., F.R.S., Natural History.

#### PROFESSORS.

ROBERT CRAIK, M.D., LL.D., Professor of Public Health and Preventive Medicine, 887 Sherbrooke Street.

G. P. GIRDWOOD, M.D., Professor of Chemistry, 111 University Street. THOMAS G. RODDICK, M.D., LL.D. (Edin.), F.R.C.S., Eng. (Hon). Professor of Surgery, 80 Union Avenue.

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 Union

Avenue.

FRANCIS J. SHEPHERD, M.D., Professor of Anatomy, 152 Mansfield

Frank Buller, M.D., Professor of Ophthalmology and Otology, 123 Stanley Street.

James Stewart, M.D., Professor of Medicine and Clinical Medicine, 285 Mountain Street.

GEORGE WILKINS, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 898 Dorchester Street.

D. P. PENHALLOW, B.Sc., M. A. Sc., Professor of Botany, McGill College.

Wesley Mills, M.A., M.D., Professor of Physiology, McGill College.

JAMES CHALMERS CAMERON, M.D., Professor of Obstetrics and Diseases of Infancy, 941 Dorchester Street.

ALEX. D. BLACKADER, B.A., M.D., Professor of Pharmacology and Therapeutics, and Lecturer on Diseases of Children, 236 Mountain Street.

R. F. RUTTAN, B.A., M.D., Professor of Practical Chemistry, McGill College.

JAMES BELL, M.D., Professor of Clinical Surgery, 873 Dorchester Street.

J. G. ADAMI, M.A., M.D. (Cantab.), F.R.S. (Edin.), Professor of

Pathology, McGill College.

F. G. FINLEY, M.B. (Lond.), M.D. (McGill), Assistant Professor of Medicine and Associate Professor of Clinical Medicine, 1013 Dorchester Street.

HENRY A. LAFLEUR, B.A., M.D., Assistant Professor of Medicine and Associate Professor of Clinical Medicine, 58 University Street.

GEORGE E. ARMSTRONG, M.D., Associate Professor of Clinical Surgery, 320 Mountain Street.

H. S. BIRKETT, M.D., Professor of Laryngology, 123 Stanley Street.

T. J. W. Burgess, M.D., Professor of Mental Diseases, Protestant Hospital for the Insane, Verdun.

WYATT JOHNSTON, M.D., Assistant Professor of Hygiene, 74 Shuter

Street.

C. F. MARTIN, B.A., M.D., Assistant Professor of Medicine and Clinical Medicine, 33 Durocher Street.

#### LECTURERS.

- W. S. Morrow, M.D., Lecturer in Physiology, 82 Union Avenue. JOHN M. ELDER, B.A., M.D., Lecturer in Medical and Surgical Anatomy, and Demonstrator of Clinical Surgery, 4201 Sherbrooke Street.
- J. J. GARDNER, M.D., Lecturer in Ophthalmology, 211 Peel Street.
- J. A. Springle, M.D., Lecturer in Anatomy, 1237 Dorchester Street. F. A. L. Lockhart, M.B. (Edin.), Lecturer in Gynæcology, 38 Bishop
- Street. A. E. GARROW, M.D., Lecturer in Surgery and Clinical Surgery, 2726 St Catherine Street.
- W. F. HAMILTON, M.D., Lecturer in Clinical Medicine, 287 Mountain
- G. GORDON CAMPBELL, B.Sc., M.D., Lecturer in Clinical Med cine, 117 Metcalfe Street.
- J. G. Mc CARTHY, M.D., Lecturer and Senior Demonstrator in Anatomy, 61 Drummond Street.
- D. J. Evans, M.D., Lecturer in Obstetrics, 939 Dorchester Street.
- N. D. Gunn, M.D., Lecturer in Histology, 49 Union Avenue.
- J. W. STIRLING, M.B. (Edin.), F.R.G.S., Lecturer in Ophthalmalogy, 29 Durocher Street.
- J. ALEX. HUTCHISON, M.D., Lecturer in Clinical Surgery, 70 Mackay Street.
- A. G. NICHOLS, M.A., M.D., Lecturer in Pathology, 2736 St. Catherine St.

#### FELLOWS.

W. M. FORD, B.A., M.D., Fellow in Pathology, McGill College. J. McCrae, B.A., M.D., Fellow in Pathology, McGill College.

# DEMONSTRATORS AND ASSISTANT DEMONSTRATORS.

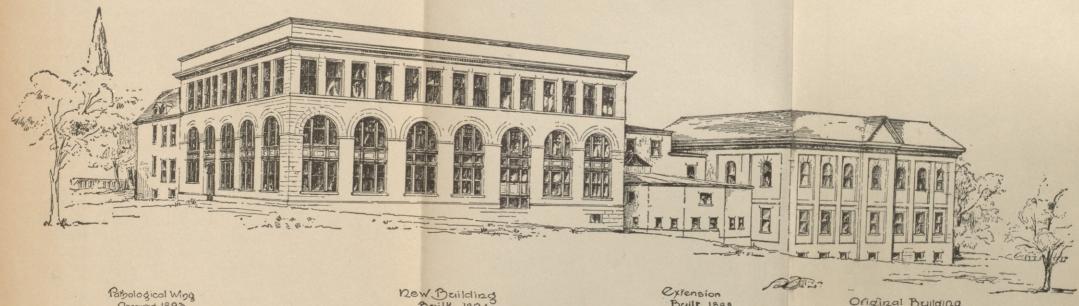
- R. TAIT McKenzie, M.A., M.D., Demonstrator of Anatomy, 59 Metcalfe St.
- J. A. HENDERSON, M.D., Demonstrator of Anatomy, 34 Park Ave.
- J. W. Scane, M.D., Demonstrator of Physiology, 4469 St. Catherine Street.
- KENNETH CAMERON, B.A., M.D., Demonstrator of Clinical Surgery, 903 Dorchester St.
- E. J. SEMPLE, B.A., M.D., Demonstrator of Surgeon Pathology, 375 St. Antoine.
- R. A. KERRY, M.D., Demonstrator of Pharmacy, 164 Peel Street.
- J. J. Ross, M.D., B.A., Demonstrator of Anatomy, 679 Wellington St.
- A. E. ORR, M.D., Demonstrator of Anatomy, 900 Dorchester St.
- H. B. YATES, B.A. (Cantab.), M.D., Demonstrator of Bacteriology, 257 Peel St.
- A. A. ROBERTSON, B.A., M.D., Demontrator of Physiology, 79 St. Matthew St.
- J. D. CAMERON, B.A., M.D., Demontrator of Gynæcology, 2068 St. Catherine St.
- D. D. MacTaggart, B.A., M.D., Demonstrator of Pathology, 90 Park Avenue.
- D. P. Anderson, B.A., M.D., Demonstrator of Pathology, 35 Park Avenue.
- S. RIDLEY MACKENZIE, M.D., Demonstrator of Medicine, 144 Peel
- H. D. Hamilton, M.D., Demonstrator of Laryngology, 141 Crescent Street.
- T. P. Shaw, M.D., Assistant Demonstrator of Obstetrics, 1260 Dorchester Street.
- JAMES BARCLAY, M.D., Assistant Demonstrator of Obstetrics, 59 Metcalfe Street.
- J. A. WILLIAMS, M.D., Assistant Demonstrator of Bacteriology, 385 St. Antoine Street.
- A. T. BAZIN, M.D., Assistant Demonstrator of Anatomy, 46 Richmond Square.
- H. M. Church, M.D., Assistant Demonstrator of Anatomy, 354 Greene Avenue.
- W. G. REILLY, M.D., Assistant Demonstrator of Anatomy, 51 Park Avenue.
- R. A. Westley, M.D., Assistant Demonstrator of Anatomy, 238 Bishop Street.
- H. B. FRASER, B.A., M.D., Assistant Demonstrator of Histology, 1171 St. Denis Street.

- W. M. Fisk, M.D., Assistant Demonstrator of Histology, 49 Prince
  Arthur Street.
- E. R. Brown, B.A., M.D., Assistant Demonstrator of Histology, 54 Drummond Street.
- D. PATRICK, M.D., Assistant Demonstrator of Histology, 4186 St.
  Catherine Street.
- A. D. IRVINE, M.D., Assistant Demonstrator of Clinical Chemistry,
  4356 St Catherine Street.
- W. K. Brown, M.D., Assistant Demonstrator of Clinical Chemistry, 99 University Street.
- W. G. M. BYERS, M.D., Assistant Demonstrator of Ophthalmology, 192 Peel Street.

MISS M. R. CHARLTON, Assistant Librarian.

MAUDE E. ABBOTT, B.A., M.D., Assistant Curator.

Paildings of the Medical Facalty: 22° दिना विनाहेतुह.



Parhological Wing acquired 1893

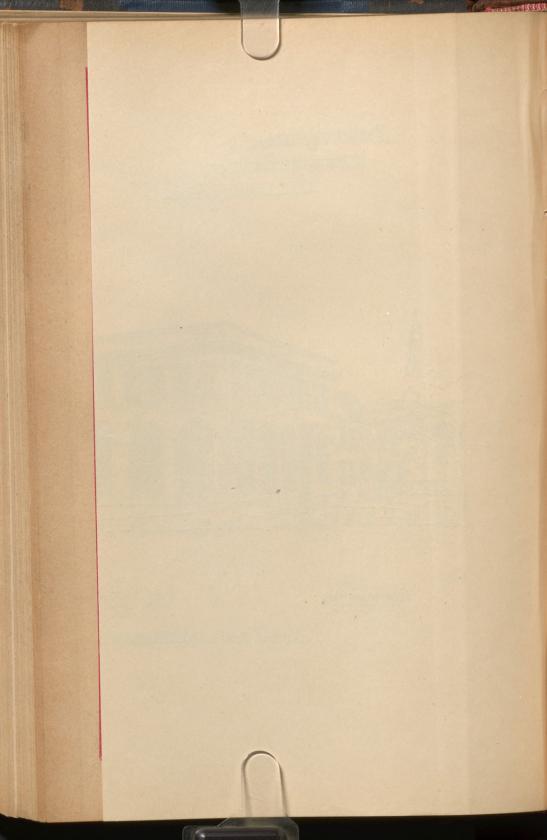
new Bailding Bailt 1894.

General-View from Carlion Road

Extension
Built 1889

Original Building

andrew T. Taylor. F.R. 1.B.a Taylor + Gordon arch" 122 ontreal.



# Announcement of the Faculty of Medicine

SESSION 1900-1901.

The Sixty-eighth Session of this Faculty will be opened on Thursday, September 20th, 1900, by an introductory lecture at 3 pm. The regular lectures in all subjects will begin on September 21st, at the hours specified in the time-tables, and will be continued until May 23rd, 1901, when the annual examination will begin.

The Medical School of McGill University was founded in 1822 as the "Montreal Medical Institution," by Drs. W. Robertson, W. Caldwell, A. F. Holmes, J. Stephenson and H. P. Loedel—all of them at the time members of the staff of the

Montreal General Hospital.

Although founded in 1822, yet no session of the "Medical Institution" was held until 1824, when it opened with 25 students; in 1844 the number of students in the Faculty was 50; in 1851, 64, with 15 graduates; in 1872-73, 154, with 35 graduates; in 1892-93, 315, with 46 graduates; in 1895-96, 419, with 90 graduates; in 1899-1900, the session just completed, 457 undergraduates were registered.

There were no sessions held during the political troubles from 1836 to 1839, and it is owing to this fact that the present is the 68th session of the Faculty. This is in reality the seventy-first session of the school, which is the direct continu-

ation of the "Montreal Medical Institution."

In 1828 the "Medical Institution" was recognized by the Governors of the Royal Institution as the Medical Faculty of McGill University. At this time the lectures were given in a building on the site of the present Bank of Montreal. Later the school was removed to a brick building, still standing near the corner of Craig and St. George streets.

In 1846 the lectures of the Faculty were given in the present central building of the University now occupied by the Faculty of Arts. On account of the inconvenience arising from the distance of the University buildings from the centre of the city, it was decided in 1850 to erect a Medical school

building on Cote Street. This building, provided with ample accommodation for Library and Museum, and furnished with a large dissecting room and two lecture rooms, it was occupied for the first time during the session of 1851-52, and sufficed for the wants of the Faculty until 1872-73, when the front building of the present block was provided by the Governors of the University.

In 1885 the building in the University grounds, erected by the Governors for the use of this Faculty, was found inadequate. A new building was then added, which at the time afforded ample facilities for carrying out the great aim of the Faculty,—that of making the teaching of the primary branches

thoroughly practical.

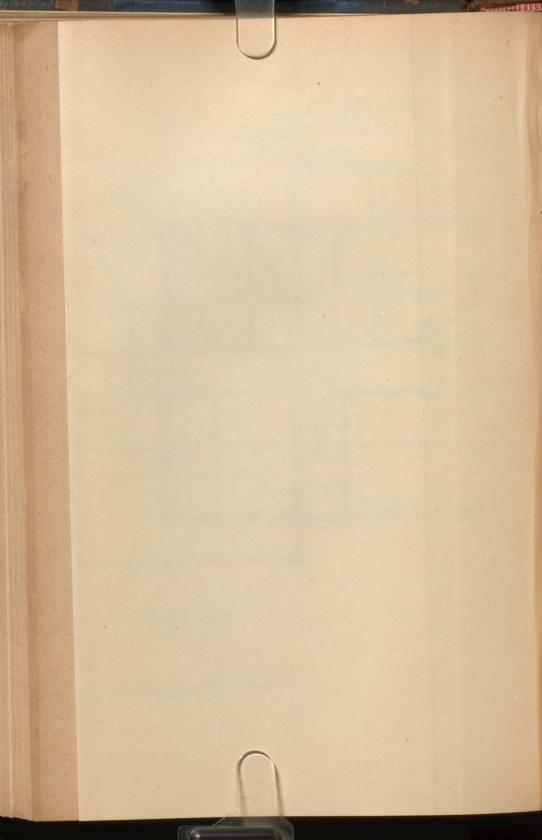
Owing to the larger classes and the necessity of more laboratory teaching, the Lecture Rooms and Laboratories added in 1885 soon became insufficient in size and equipment to meet the requirements of the Faculty. The late Mr. John H. R. Molson with timely generosity came to the aid of the Faculty, and in 1893 purchased property adjoining the college grounds, and enabled the Faculty to erect new buildings and extensively alter and improve those already in use.

These wings were completed and officially opened by His Excellency, the Earl of Aberdeen, visitor of the University, January 8th, 1895. They were erected as an extension of the old ones, towards the northwest, partially facing Carlton road, and convenient to the Royal Victoria Hospital. They connected the Pathological building, acquired in 1893, with the older buildings, and comprised a large lecture room, capable of accommodating 450 students, with adjoining preparation-rooms and new suites of laboratories for Pathology, Histology, Pharmacology and Sanitary Science. The laboratories, etc., in the older buildings were greatly enlarged and improved; the whole of the second floor was devoted to the department of anatomy, and consisted of dissecting-room, anatomical museum and bone-room, preparation rooms, Professors' and Demonstrators' rooms, and a special Lecture Room.

On the ground floor the Library and Museum were greatly enlarged; a room forming part of the Library was furnished as a reading room for the use of students, where the extensive reference library of the Faculty may be consulted.

Baildings of me Medical Facalty: 122°Gil-Gollege Private Laboratory apparated Projessurs Room apparatus Rm Clader Braging Students Library Lecture Rt Room Preparation Rm. Cloak Room Reading Rm Library. ander Staging Faculty Pm Lecture Rm under Bragings ante Room. Vestibule Gorridor. Corridor. Gorridor Vestibu Prof : of Chemistry Private Parbological Professor. Laboratory maseam Registron Maseam Therapeutics Laboratory Office. Ghemistry Laboratory Research Laborator Parhological Department Prof : Room Privare Ground Floor Plan

Taylor + Gordon arch!



On this floor are situated the Faculty room, the Registrar's office, the special museum for Obstetrics and Gynaecology, together with Professors' rooms, etc. The chemical laboratories were increased by including the laboratories formerly used by the department of Physiology.

In the basement are placed the janitor's apartments, cloak rooms with numerous lockers for use of students, the Lavatory, etc., recently furnished with the most modern sanitary

fittings.

The Faculty has much pleasure in announcing that by the generosity of Lord Strathcona it is now beginning very extensive alterations and largely increasing its buildings. During the summer of 1900 the first two wings of the new building will be erected. One wing will replace the brick lecture room on the west side of the building. This will be a massive stone structure, harmonious in architecture with the wing erected in 1895. On the ground floor of this wing will be the Faculty room, a fireproof stack-room adjoining the present library; the Registrar's offices and Professors' rooms; above these on the next floor there will be a large lecture room, especially arranged for the teaching of anatomy, with numerous small laboratories for anatomy.

The wing now occupied by the laboratories for pathology will be removed, and a wing 100 feet long and 40 feet deep will be erected in its place. This will be especially constructed for laboratories, and will contain the laboratories for Pharmacology, Chemistry, Pathology, Bacteriology and Hygiene, as well as numerous private laboratories connected with

those for the use of the students.

These wings form a portion of a scheme of reconstruction of the present medical buildings whereby a symmetrical stone structure will replace the irregular set of buildings now occupied by the Faculty. The replacing of the older portions of the medical buildings by new wings has been spread over several years so as not to interrupt or disturb the regular teaching work of each session.

#### Lecture Rooms.

In the buildings now occupied by the Faculty, as will be seen by reference to the diagrams, in addition to the laboratories, dissecting room, etc., there are three large lecture rooms, two capable of comfortably seating about 300 students, and one for general lectures, sessional examinations, etc., capable of seating 450 students. The seats are numbered, and a lecture room ticket securing a seat for the session is given each student on enregistering and paying the sessional fee.

#### Rooms for Students Use.

Three cloak rooms are provided in convenient portions of the buildings, and, in addition, commodious lockers can be procured at a nominal rental. A large well-lighted reading-room containing newspapers, magazines and the current medical journals is provided, and is managed by the students themselves. The original library has been refitted as a reading-room for students desiring to avail themselves of the reference works in the library of the Faculty.

#### Dissecting Room.

The Dissecting Room, which is situated on the second floor, is L-shaped, one arm of which is 76 feet in length and 31 feet in breadth and the other arm 45 by 32. It is supplied with thirty dissecting tables and over 200 specially constructed lockers, and is well lighted for work during the day and night.

In connection with the dissecting-room there is a Bone room and Anatomical Museum where students have an excellent opportunity of studying osteology, frozen sections, anatomical models and dry preparations. In connection with the bone room is a small but well arranged museum of comparative osteology. There are also rooms for the demonstrators of anatomy.

## Physiological Laboratories.

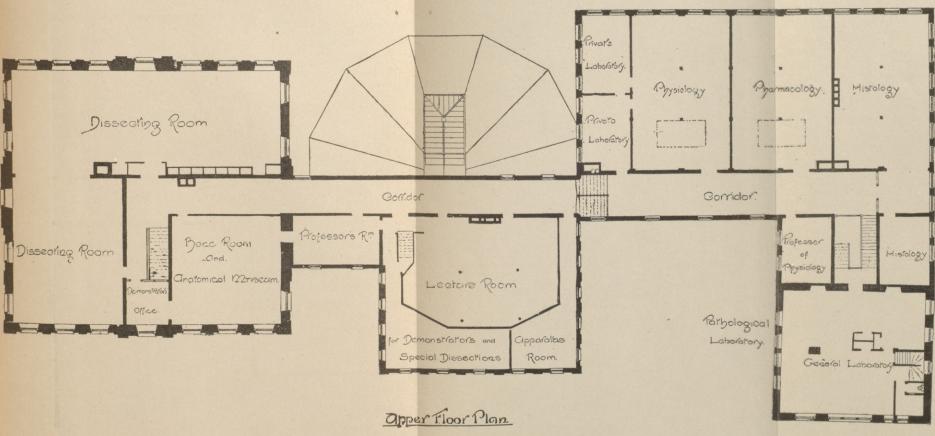
The Physiological Laboratories, which are situated on the upper floor, facing the west, are supplied with the most modern apparatus for the practical teaching of this rapidly growing and important branch of the medical curriculum. They consist of one large room forty-five by thirty-five feet for undergraduate work, and two smaller ones for more ad-

Pallaings of the

Medical Facalry:

Medical Facalry:

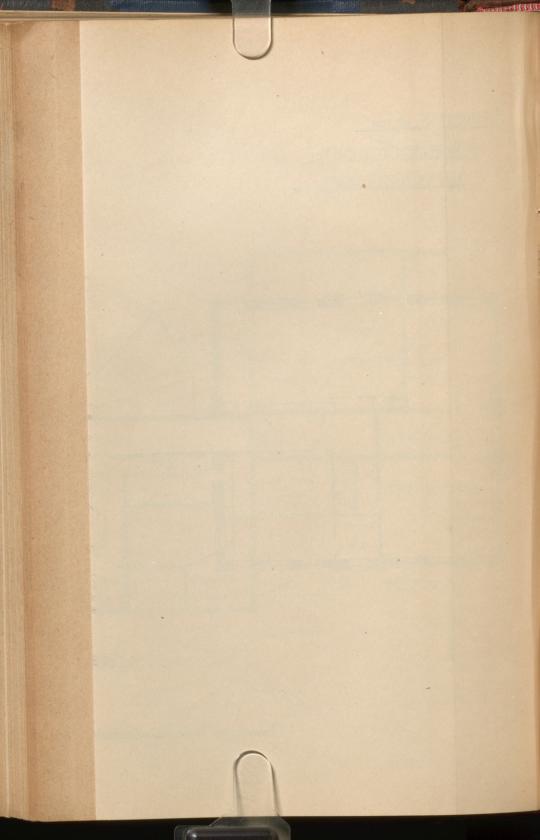
Medical Facalry:



In 122033anne Floor

Hygiene, etc.

Barned F 7 7 F F F



vanced work and private research. In addition there is a room set apart for a consulting library and for the special use of the Professor of this department. The Student's laboratory is arranged in such a way as to permit of students assisting at and taking part in the more elaborate demonstrations, as well as undertaking experiments independently for themselves.

A recent grant from the Faculty, which was supplemented from private sources, has allowed of the partial equipment of an additional branch of the subject which it is the intention to extend, as well as to augment the resources of other departments of practical physiology in the immediate future.

# Histological Laboratories.

The Histological Laboratory proper is a large, well-lighted room on the second floor of the new building. It is so arranged that over eighty students can be present at the microscopical demonstrations. It is supplied with 75 microscopes. In addition to the students' laboratory there is a smaller laboratory adjoining for the use of the professor and demonstrators and for special work.

# Pharmacological Laboratory.

The Pharmacological Laboratory is a large room 45 by 35 feet, situated on the second floor of the new building, and is now furnished with the necessary appliances for the practical teaching of pharmacology. In this room is placed a teaching museum of drugs and pharmaceutical preparations arranged according to their physiological action; and tables arranged for teaching dispensing and the preparation of medicines.

# Chemical Laboratory.

The Chemical Laboratory is large, lofty and lighted from three sides. It can accommodate 124 men, but only a much smaller number is allowed to work at one time. Each student, when entering on this course, has a numbered table in the laboratory assigned to him for his use during the session. Each table has its own gas and water fixtures, and is provided with shelves for its corresponding set of reagent-bottles, as well as a drawer and locker containing set of chemical appa-

ratus especially adapted for the work. This apparatus is provided by the Faculty, and supplied to each student without extra charge. The student is only required to pay for apparatus broken or destroyed.

The laboratory is fully equipped for the various courses of study, giving the student unsurpassed advantages for acquiring a sound and practical knowledge of medical chemistry.

#### Pathological Laboratories.

A building of three stories, 47 by 40 feet, adjoining the College, recently acquired by the Faculty, thanks to the generosity of the late Mr. J. H. R. Molson, constitutes the Pathological Laboratory; it has undergone extensive alterations to fit it for the purpose. The uppermost floor has been converted into a work-room for the osteologist and curator, the second floor is one large laboratory for class work in Practical Pathology and Bacteriology; upon the floor beneath are two laboratories for research, a preparation room, professor's private room and library, and culture rooms; while upon the ground floor are rooms for the attendant, for storage and for keeping animals.

#### Endowments.

The first endowments of the Faculty were the "Leanchoil" and "Campbell Memorial" funds. The former was a gift of Lord Strathcona; the latter subscribed by the citizens of Montreal and graduates of Medicine of the University. A portion of these funds was expended in increasing the laboratory and lecture room accommodation in 1885, the interest on the balance being applied to general maintenance.

In 1893 Lord Strathcona endowed the Chairs of Pathology and Public Health with \$100,000. This gift enabled the Faculty to equip and develop these departments until they are quite up to the requirements of modern medical science.

Various other endowments, such as the Drake Endowment of Physiology and the bequests of the late Mrs. Mary Dow, Mrs. John MacDougall and Miss Jane Learmont, have enabled the Faculty to maintain a high standard of laboratory teaching without proportionately increasing the cost of the course to the student.

Last year Lord Strathcona and Mount Royal again came



to the aid of the Faculty. He gave, in the names of Lady Strathcona and the Honorable Mrs. Howard, one hundred thousand dollars, to be used partially to meet the cost of extending the Laboratories, Library and Museum, and partially as a fund, the interest on which is to be applied to replace the loss of the graduation fees, formerly used to support the Medical Library and Museum, but which are now required by the Governors for general university expenses outside the Faculty of Medicine.

The thanks of the Faculty are also due to Mr. David Morrice, who has recently come forward with a donation of upwards of three thousand dollars to meet the cost of increasing the equipment of the Laboratory of Pharmacology.

#### I.

## MATRICULATION.

# I. REGULATIONS OF THE FACULTY OF MEDICINE OF McGill University.

Every student before he can be enregistered as an undergraduate in Medicine must present a certificate of having passed the Matriculation Examination of the Faculty of Medicine or Arts of this University, or of having passed some State or University examination accepted by this University.

Graduates in Arts of any recognized university and those who have passed the Entrance Examination of a Provincial Medical Council and thus become enregistered students in medicine of a province in Canada, are exempt from further preliminary examination.

Students from the United States who have passed a State or University examination fully equivalent to that required by this University may at the discretion of the Faculty be admitted to the study without further examination.

The Matriculation Examination of the University for Medicine is held twice each year, in June and September, at the same time as that for Arts and Science.

The fee for this examination is five dollars, payable on application to the Secretary of the University, W. Vaughan.

Papers for the spring examinations will be sent to local centres on application to the Acting Secretary. An additional fee of four dollars, to meet local expenses, will be charged for such examination.

The September examinations are held just before the lectures in Medicine begin. These are held in McGill College, Montreal, only, and at these examinations alternative books in classics will be accepted.

Examinations begin on June 10th, 1901, in McGill College and local centres; and on September 17th, 1900, in McGill College only.

# CONDITIONED STUDENTS.

Candidates who fail to pass the September Matriculation Examination in not more than one subject, other than Latin, may, if so recommended by the Faculty, enter the First Year Undergraduate Course as Conditioned Students with the view of subsequently obtaining full undergraduate standing, by passing the examination prescribed by the Board of Matriculation Examiners. Credit will be given, in the undergraduate course, for the work done by such Undergraduates while attending as Conditioned Students.

Matriculation Examination conditions must be removed before the commencement of the second Session after entrance; they cannot be carried forward into any subsequent year.

# PARTIAL STUDENTS.

Partial Students may, subject to the approval of the Professor, attend any class without previous examination.

Partial Students who subsequently obtain undergraduate standing by passing the Matriculation Examination may, as Undergraduates, be exempted, at the discretion of the Faculty, from a particular course or courses of lectures which they have attended as Partial Students.

# I. COMPULSORY SUBJECTS.

# 1. English .- Writing from Dictation.

Grammar.—A paper on English grammar, including Analysis. The candidate will be expected to show a good knowledge of Accidence, as treated in any grammar prepared for the higher forms of schools. A similar statement applies to grammatical Analysis. Candidates are required to state the class to which any subordinate sentence belongs and to arrange and define the various members of all sentences set. Failure in Analysis and Parsing will cause the rejection of the paper. West's Elements of English Grammar is recommended as a text-book, and attention is particularly directed to pages 197-216.

English History.—Candidates will be required to give the chief details of leading events. While any text-book written for the upper forms of schools may be used in preparation for the examination, Gardiner's Outline of English History (Longmans) is recommended.

Composition .- Candidates will write a short essay on a subject given at the time of the examination.

Literature, 1900, 1901, 1902.—(a) Scott's Lady of the Lake (ed. Stuart, Macmillan); or Selections from Tennyson, Part 1, (ed. Rowe and Webb, Macmillan); (b) SHAKSPERE'S Richard II. (ed. Deighton, Macmillan).

In 1900 the requirements for the Junior Matriculation English of the University of Toronto\* for that year will be accepted in place of (a) Scorr's Lady of the Lake, or Selections from Tennyson, and

(b) SHAKSPERE'S Richard II.

In 1901† and 1902 † the requirements for the Junior Matriculation English of the University of Toronto for those years will be accepted in place of one of the following: (a) Scott's Lady of the Lake, or Selections from Tennyson, or (b) SHAKSPERE'S Richard II.

#### 2. Mathematics,

Geometry.-Euclid's Elements, Books I, II, III, with easy deductions; or an equivalent.

Arithmetic.—Elementary Rules, Vulgar and Decimal Fractions, Proportion, Percentage, Simple Interest, etc., Square Root and a knowledge of the Metric System.

Algebra.-Elementary Rules, Involution, Evolution, Fractions, Indices, Surds, Simple and Quadratic Equations of one or more unknown quantities; as in Hall and Knight's Elementary Algebra to end of Surds (omitting portions marked with an asterisk) or similar text-books.

#### 3. Latin. -- Grammar.

Texts (Translation and grammatical study):-For 1900, CAEGAR, De Bello Gallico I and II, or V and VI; VIRGIL, Aeneid I or II.

For 1901, CAESAR, De Bello Gallico II and III; VIRGIL, Aeneid II. For 1902, CAESAR, De Bello Gallico IV and V; VIRGIL, Aeneid II.

†† 1902 Scorr : Lay of the Last Minstrel.

<sup>\*1900</sup> Longfellow: Evangeline, a Psalm of Life, Wreck of the Hesperus. "The day is done." The Old Clock on the Stairs, The Fire of Driftwood. Resignation, The Warden of the Cinque Ports, Excelsior, The Bridge, A Gleam of Sunshine.

Wordsworth: The Education of Nature ("Three years she grew"). She was a phantom of delight." A Lesson ("There is a flower the Lesser Celandine"). To the Skylark, The Green Linnet, to the Cuckoo, To the Daisy, and the following Sonnets: To a Distant Friend ("Why art thou si'ent?"), England and Switzerland ("Two voices To a Distant Friend ("Why art thou si'ent?"), England and Switzerland ("Two voices To a Distant Friend ("Why art thou si'ent?"), "Milton thou shoulds't be living at this hour," Westminster Bridge, The Inner Vision ("Most sweet it is with unuplifted eyes,") "O Friend! I know not which way I must look," To Sleep, Within 'Sing's College Chapel.

† 1901 TENNYSON: Blaine, Lady of Shalott, St. Agnes' Eve, Sir Galahad, Lotos-Eaters Ulysses, Crossing the Bar, Early Spring, "You ask me why," "Of old sat Freedom."
"Love thou thy land," the six interlude songs and "Tears, Idle Tears," in "The Princess."

Translation at Sight and Prose Composition (sentences or easy narrative based upon the prescribed prose texts).

Candidates may present an equivalent amount from the works prescribed for the Junior Matriculation Examination of the University of Toronto; and at the September examination other works in Greek or Latin equivalent to those specified may be accepted, if application be made to the Secretary of the Board of Matriculation Examiners, at least a month before the day of examination.

# OPTIONAL SUBJECTS.

One to be taken with above compulsory subjects.

#### Greek.-Grammar.

Texts (Translation and grammatical study):-

For 1900, XENOPHON, Anabasis I.

For 1901, XENOPHON, Anabasis I or II.

For 1902, XENOPHON, Anabasis I or II.

Translation at Sight and Prose Composition (sentences or easy narrative based upon the prescribed texts).

Candidates may present an equivalent amount from the works prescribed for the Junior Matriculation Examination of the University of Toronto; and at the September Examination other works equivalent to those specified may be accepted if application be made to the Secretary of the Board of Matriculation Examiners at least a month before the day of examination.

# French.-For 1900, 1901 and 1902.

Grammar (Accidence and Syntax). Candidates will be required to possess an exact knowledge of the common elements; Bertenshaw's French Grammar is recommended as containing the amount required for the examination.

Translation at sight from French into English. Translation into French of easy English passages. Brief reproduction in French of a story read by the examiner in English.

German -Grammar. -A thorough knowledge of German Accidence.

Translation.—Candidates must be able to translate into German with tolerable correctness exercises approximately equal in difficulty to those contained in the First Part of VAN DER SMISSEN'S High School

German Grammar or in the First and Second Parts of the JOYNES-MEISSNER German Grammar (Heath & Co.).

Texts (translation and grammatical study):-

For 1900, JOYNES, German Reader, and BAUMBACH, Der Schwiegersohn.

For 1901, LEANDER, Träumereien (Copp, Clark Co.).

For 1902, LEANDER, Träumereien (Copp, Clark Co.).

Candidates may substitute for the foregoing texts those prescribed for the Junior Matriculation Examination of the University of Toronto, or of Dalhousie University, or those prescribed for the Leaving Examinations of Nova Scotia if notice be given to the Secretary of the Board of Matriculation Examiners at least a month before the day of examination.

Chemistry—Elementary Inorganic Chemistry, comprising the preparation and properties of the chief non-metallic elements and their more important compounds, the laws of chemical action, combining weight, etc. (The ground is simply and effectively covered by Remsen's "Elements of Chemistry," pp. 1 to 160.)

Physics.—Properties of Matter; Elementary Mechanics of Solids and Fluids, including the Laws of Motion, Simple Machines, Work, Energy; Fluid Pressure and Specific Gravity; Thermometry, The effects and modes of transmission of Heat. (See, for instance, GAGE'S Introduction to Physical Science, ch. I-V.)

#### MATRICULATION EXAMINATION REGULATIONS.

I. Matriculation Examinations (for entrance in all Faculties except the Faculty of Comparative Medicine and Veterinary Science) are held only in June and September. The examinations are held in June at McGill College, the Royal Victoria College and at local centres; in September at McGill College, the Royal Victoria College, and affiliated Colleges only.

2. The examinations in 1900 will commence on 11th June and 17th September. Special arrangements may be made for the examination of candidates who are prevented by severe illness or domestic

affliction from presenting themselves on these dates.

The time-table for the September Examination will be as under:—
Mon. 17th, 9 a.m.—Latin Books and Sight Translation.

2 p.m.—Latin Grammar and Composition. Tues. 18th, 9 a.m.—Mathematics, Part I (Euclid).

2 p.m.—Mathematics, Part I (Arithmetic and Algebra).

Wed. 19th, 9 a.m.—English Grammar and History.

2 p.m.—English Literature, Dictation, Composition.

Thur. 20th, 9 a.m.—French. 2 p.m.—German.

Frid. 21st, 9 a.m.—Mathematics, Part II.

2 p.m.—Physiography, Botany, Chemistry, Physics.

Mon. 24th, a.m.—Greek Books and Sight Translation. 2 p.m.—Greek Grammar and Composition.

3. The fee for the examination is payable, except in the case of examination at a local centre (see below), to the Registrar of the University, or the Secretary of the Board of Matriculation Examiners.

4. In order to obtain an examination at a local centre, any Head Master or other person must, before May 10th, submit to the Secretary of the Board of Matriculation Examiners, the name of some suitable person, preferably a University Graduate, who is willing to act as Deputy Examiner, i.e., receive the questions, hold the examinations, and forward the answers to Montreal.

The fee for this local examination must be paid to the Deputy Examiner before the commencement of the examination. The Uni-

versity will not be responsible for local expenses.

5. Candidates may take Arithmetic, and all the English subjects except Literature at the Matriculation Examination of one year, and the remainder at the Matriculation Examination of the following year.

6. Candidates who fail in one or more subjects at the June Examination, or who have taken part only of the examination, and present themselves again in the following September, will be re-examined in all subjects evcept those in which the Examiners have reported them as having obtained not less than 50 per cent.

7. Candidates who fail to pass at the September Examination may, ii so recommended, enter the First Year Undergraduate Course as Conditioned Students, with the view of subsequently obtaining full undergraduate standing by passing an examination prescribed by the Board of Matriculation Examiners.

8. Candidates who have passed Academy Grade II of the Province of Quebec, or the Preliminary subjects of the University School (A. A.) Examinations, are exempt from examination in Arithmetic,

English Grammar, Dictation, and English History.

9. The following examinations are accepted pro tanto in lieu of the Matriculation Examination, i.e., in so far as the subjects and standard are, to the satisfaction of the Board of Matriculation Examiners, the same as and equivalent to those required for the Matriculation Examination of the University; but candidates offering certificates of having passed such examinations will be required to make good their standing by passing the Matriculation Examination in such of the required subjects, if any, as are not covered by their certificates:

The University School (A.A.) Examinations.

The First Year Entrance Exhibition Examinations, particulars of which are set out on pp. 39-42.

The Model School Diploma Examinations of the McGill Normal School, under conditions.

The Matriculation or Leaving Examinations accepted by the universities of Ontario.

The Leaving Examinations of Nova Scotia.

The Matriculation Examination of Dalkousie University.

The Leaving Examination of Prince of Wales College, P.E.I.

Applications for exemption from the matriculation examination based upon certificates of having passed some examinations other than those above mentioned will be considered as occasion may require by the Eoard of Matriculation Examiners. Every such application must be accompanied by the certificates and full particulars, and should be addressed to the Secretary of the Board.

## MATRICULATION FEES.

Certificates will be issued to candidates successful in the matriculation examinations without additional fee. Duplicate certificates will not be granted unless satisfactory proof be given of a loss or destruction of the original. The fee for a duplicate certificate is One Dollar.

# STUDENTS OF OTHER UNIVERSITIES APPLYING FOR EQUIVALENT STANDING.

Any student of another University desirous to be admitted to this University with equivalent standing is requested to send with his application:-

1st.—A Calendar of the University in which he has studied, giving a full statement of the courses of study.

2nd.—A complete statement of the course he has followed. 3rd.—A certificate of the standing gained, and of conduct. These will be submitted to the Faculty who will decide

what examination may be necessary before admitting the

## REGISTRATION.

I. Candidates for entrance (Undergraduates, Conditioned Students and Partial Students), are required to attend at the office of the Registrar of the University for the purpose of giving their addresses and other particulars, and of signing the following declaration in the Matricula or Register:

"I hereby declare that I will faithfully observe the Statutes, rules, and ordinances of this University of McGill College to the best of my ability."

2. Every Undergraduate or Conditioned Student must produce to the Registrar of the Faculty of Medicine his Matriculation Certificate or other certificate accepted or qualifying the candidate for entrance. The candidate is then entitled to enter as an undergraduate or conditioned student, as the case may be, in the Faculty.

3. After the lapse of a fortnight from the commencement of lectures, Professors and Lecturers in charge of classes require every attending student to produce his ticket of admission, and will report to the Registrar the name of any student failing to produce it.

The matriculation requirements for those who intend to practise in any of the Provinces of Canada, or in Great Britain, etc., are as follows:-

A. Matriculation Examination for those who wish to obtain a license to practise in England, India, or any other British Possession (Canada excepted).

The Matriculation Examination in Medicine of this University, as described on page 44, is accepted by the General Medical Council of Great Britain and Ireland. Graduates of this University desiring to register in England are thus exempted from any examination in preliminary education on production of the McGill Matriculation certificate, together with a certificate that all the subjects of this Examination were passed at one time. Certificates of this University for attendance on lectures are also accepted by the General Medical Council of Great Britain.

B. Matriculation Examination for those who wish to obtain a license to practise in the Province of Quebec.

No University Matriculation Examination is accepted by the College of Physicians and Surgeons of this Province. Graduates in Arts of any British or Canadian University are however exempted from examination on presentation of their Diplomas.

Those who pass the Preliminary Examination described below, or Graduates in Arts who register as students in the C. P. & S., Quebec, on beginning their studies in Medicine, obtain on graduating from McGill University a license to practise in Quebec without further examination in any professional subject.

The requirements for this examination:-

LATIN.—Cæsar's Commentaries, Bks. I., II., III., IV. and V.—Virgil's Aeneid, Bks. I. and II.—The Odes of Horace, Bk. I., with a sound knowledge of the Grammar of the Language.

English.—For English-speaking candidates.—A critical know-ledge of one of Shakspere's plays, viz., Twelfth Night, for 1900, with English Grammar, as in Dr. Smith or Mason.

For French-speaking candidates.—Translation into French of passages from the first eight Books of Washington Irving's Life of Columbus, with questions on Grammar. Translation into English of extracts from Fénélon's Télémaque.

French.—For French-speaking candidates.—A critical know-ledge of Molière's Le Bourgeois Gentilhomme, Fénélon's Aventures de Télémaque and La Fontaine's Fables, Bks. I., II., III., with questions on Grammar and Analysis.

For English-speaking candidates.—Translation into English of passages from Fénélon's Télémaque, with questions on Grammar. Translation into French of easy English extracts.

- Belles Lettres and Rhetoric.—Principles of the subject as in Haven's Rhetoric, or Boyd's Rhetoric and Literary Criticism. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, and of the 17th and 18th centuries of England, and France.
- History.—Outlines of the History of Greece and Rome, and particular knowledge of the History of Britain, France and Canada.
- Geography.—A general view, with particular knowledge of Britain, France and North America.
- ARITHMETIC.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.
- ALGEBRA.—Must include Fractions and Simultaneous Equations of the First Degree.
- GEOMETRY.—Euclid, Bks. I., II., III. and VI., or the portion of plain Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes of regular geometrical figures.

CHEMISTRY.—Outlines of the subject as in Remsen's Elements of Chemistry.

BOTANY.—Outlines as in Gray's "How plants grow."

Physics.—Outlines as in Peck-Ganot's Physics.

Philosophy.—Elements of Logic as in Jevon's Logic; Elements of Philosophy, as in Professor Murray's Hand-Book.

The Examinations will be held in September, 1900, at Quebec, and in June, 1901, at Montreal. Applications to be made to Dr. J. A. Macdonald, No. 1 Belmont Street, who will furnish schedule giving text-books and percentage of marks required to pass in each subject.

Examination Fee, twenty dollars. Should the candidate be

unsuccessful, one-half of the fee will be returned.

Of the four years' study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College or Incorporated School of Medicine recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the fourth year.

# C. To obtain a license to practise in Ontario.

Every one desirous of being registered as a matriculated medical student in the register of the College of Physicians and Surgeons of this Province, except as hereinafter provided must present to the Registrar the official certificate of having passed the "Departmental Pass Arts Matriculation Examination," and in addition Physics and Chemistry—whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts of any University in Her Majesty's dominions, are not required to pass this examination, but may register their names with the Registrar of the College,

upon giving satisfactory evidence of their qualifications, and upon paying the fee of twenty dollars.

A certificate from the Registrar of any chartered University conducting a full Arts course in Canada, that the holder thereof matriculated prior to his enrolment in such University, and passed the examination in arts prescribed for students at the end of the first year, shall entitle such student to registration as medical student under *The Ontario Medical Act*.

Every medical student, after matriculating, shall be registered in the manner prescribed by the Council, and this shall be held to be the beginning of his medical studies, which shall date from that registration.

Full details may be obtained on application to Dr. R. A. Pyne, Registrar, Cor. Bay and Richmond Sts., Toronto.

# D. To Practise in the Maritime Provinces.

The examination required by the Faculty of Medicine of this University is accepted in the provinces of Nova Scotia, New Brunswick, and Prince Edward Island, and in Newfoundland, subject to the following conditions:

The Nova Scotia, New Brunswick, and Prince Edward Island Medical Boards require a standard of 60 per cent., and Physics to be taken as the optional subject.

The Newfoundland Medical Board accepts the McGill Matriculation, as it is identical with the Arts Matriculation, but requires Physics in addition.

Students desiring ultimately to practise in any of these provinces should, when enregistered in the Faculty of Medicine, notify the Registrar of that province of the fact, and have their matriculation enregistered.

The Registrars are: for Nova Scotia, Dr. A. H. W. Lindsay, Halifax; for Newfoundland, Dr. J. Sinclair Tait, St. John's; and for New Brunswick, Dr. Stewart Skinner, St. John, N.B., who will furnish all details of requirements, etc.

Special matriculation examinations are held annually in New Brunswick and Nova Scotia.

These examinations, as stated above, are accepted by this-University as equivalent to its Matriculation Examination.

# E. To obtain license to Practise in Manitoba.

An examination accepted by the University of Manitoba as equivalent to their matriculation is required on entrance, and to obtain License an examination in Professional subjects is required. Dr. J. S. Gray, of Winnipeg, Manitoba, is the Provincial Registrar.

# F. To obtain license to Practise in North-West Territories.

No special matriculation standard is specified. Licensed practitioners of any of the other provinces are admitted to practise without examination.

Those not licensed to practise elsewhere in Canada are examined in professional subjects only. Dr. H. W. Bain, of Prince Albert, is Registrar of the Province.

# G. To Practise in British Columbia.

No special standard of matriculation is specified.

All desiring a license must be graduates of some recognized medical school, and pass an examination in professional subjects only. Dr. C. J. Fagan, of New Westminster, is the Provincial Registrar.

# REGISTRATION IN ENGLAND.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery" in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec, provided the graduate from this university matriculated before the College of Physicians and Surgeons of Quebec when entering on the study of medicine. Any graduate therefore in medicine of this University may obtain a license to practice in the Province of Quebec without further examination if he has complied with the above regulations.

# TIME TABLE FOR SESSION 1900-1901.

Time Tables for the Session of 1900-01 will be issued to each student with his Lecture Room ticket on enregistration.

TIME TABLE OF FIRST YEAR LECTURES.

TIME TABLE OF TIME							
LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
Anatomy	9	9	9	9	9	{	Autumn &Winter Terms-No I.
	4	4		4			No. I.
Physiology		3		3	3	{	Autumn Term Ne.
Chemistry			2		2	{	Winter and Spring Terms-No. III
		11		11		10 {	Autumn & Winter Terms.
Biology {		4		4			Autumn Term.
LABORATORY WORK.				24.51			
Practical Anatomy	10-12	10-12	10-12	10-12	10-12	9-12	
*Prac. Physiology	1 30/20 00		3-5				
*Prac. Histology.	. 2-4				. 4-6	10-12	
*Prac. Chemistry	. 9-11	9-11	9-11	9-11			
*Prac. Biology	. 3-5		. 3-5				Autumn Term.

\*Class taken in division.

TIME TABLE	OF	SECOND	YEAR	LECTU	JRES.
					THE PARTY OF THE PARTY OF

LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
Anatomy	9	9	9	9	9	{	Autumn & Winter Terms -No. I.
Physiology	2		2		2		No. I.
Chemistry	3		3		3		
$\left. egin{array}{l}  ext{Pharmacology} \\  ext{and} \\  ext{Therapeutics} \end{array}  ight\}$	4		4		4		No. I.
Laboratory Work.	10	10	10	10	10	10	
Auatomy	12.30	12.30	12.30	12.30	12.30	12.30 {	Autumn & Winter Terms.
†Prac. Chemistry.	. 9-11	9-11	9-11	9-11	9-11	9-11	Spring Terms
†Prac. Physiology		. 2-4		2-4			

tHalf the class only.

Note—Students of the second year when not engaged in the laboratories are required to attend the Out Patients' Clinics (only) of M. G. H. or R. V. H. (11 a,m. to 1 p.m.); attendance to average two hours per week. Certificates required for graduation.

# TIME TABLE OF THIRD YEAR LECTURES.

LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
Gynæcology and Obstetrics	9			9			II
Surgery Jurisprudence	10	10	*11-12 *12-1	10	10		III
and Mental Diseases	11			11			II
and Therapeutics		11			11		Ш
Gen. Pathology and Bacteriology.	5		9				Ш
Clinical		9 1 p.m.			9	*0_17	III
Medicine	2 p.m.	MGH		2 p.m RVH	1 . m.		
Surgery	Куп	4 6	4-6	4-6	MGA 4-6		Path. Lab. Winter.
Sanitary Chemistry		4-6	4-6	4-6	4-6		Chem. Lab. Autumn
Bacteriology and Hygiene		4-6	4-6	4-6	4-6		Path. Lab. Autumn
†Clinical Microscopy †Operative Surgery		4-6 4-6	4-6 4-6	4-9 4-6	4-6 4-6		Path. Lab. Spring Anat. Lab. Spring

<sup>\*</sup>Alternate weeks M.G.H. and R.V.H. †Optional, ‡Classes taken in groups.

# TIME TABLE OF FOURTH YEAR LECTURES.

LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
lynæcology		9					II
DSTELLICS			9		11		ii
redicine		10	111-12	10			III
urgery	10		112-1		10		TIT
Ied. & Surg. Pathology				9	30000		TIT
Ont Patients	9						II
out Patients'	111-12	11-12	11-12	11-12	11-12		R.V.H.
Clinica	12-1	12-1	12-1	12-1	121	11-12	M.G.H.
					2		R.V.H.
Medicine	1						M.G.H.
		1					M.G.H.
Surgery				2			R.V.H.
		11					
Operations		1					R.V.H.
Onlytholmolo	4		4				M.G.H.
Ophthalmology		4			4		R.V.H.
dynacological		4		4			M.G.H.
Clinics	11			4			R,V,H.
forbid Anatomy						19-11	
						1-2.30	( Mater-
Obstetrics						1-2.30	nity Hosp.
Dermatological Clinic.			2				M.G.H.
denito-Urina y Clinic Diseases of Chil-						3	R.V.H.
		4			4		
dren Clinic (							M.G.H.
Iedical and Surgical	4				4		M.G.H.
Anotoma	5				1000	1000	
Anatomy							Autumn term
multing biseases	5						Winter term.

<sup>\*</sup>In groups of eight or ten. †In groups of four. ‡Alternate weeks M.G.H. and R.V.H.

#### COURSES OF LECTURES.

The Corporation of the University, on the recommendation of the Faculty of Medicine, in 1894, consented to the extension of the courses of lectures in medicine over a period of about nine months instead of six.

By this means, (1) The students of the primary years have a more ample opportunity of becoming acquainted, by laboratory work, with those branches of study which form the scientific basis of their profession, and (2) the final students will be able to derive the greatest benefit from the abundance of clinical material provided in the two Hospitals.

By this arrangement, while the actual number of didactic lectures per session will be decreased, there will be a corresponding increase in the amount of tutorial work and individual teaching in the laboratories for Chemistry, Physiology, Anatomy, Pathology and Hygiene as well as giving more time, during the last two years of the course, for the thorough study of disease in the wards of the Royal Victoria and Montreal General Hospitals.

The Faculty expects, by thus increasing the time that the different professors, lecturers and demonstrators devote to each student, to accomplish two very important ends: First, to do away with the injurious effects which result from attempting to condense the teaching of medicine and surgery into four or even five sessions of six months; Second, to give each student a sounder and more thoroughly practical knowledge of his profession than could be obtained by attending during even five sessions of six months each.

### ANATOMY.

PROFESSOR, FRANCIS J. SHEPHERD. LECTURER, J. A. SPRINGLE. LECTURER and SENIOR DEMONSTRATOR, J. G. McCARTHY.

DEMONSTRATORS

R. TAIT MACKENZIE. J. A. HENDERSON. J. J. ROSS. A. E. ORR.

ASSISTANT DEMONSTRATORS, H. M. CHURCH.
W. G. REILLY.
R. A. WESTLEY.

Anatomy is taught in the most practical manner possible, and its relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

A course of practical demonstrations in Medical, surgical and Topographical Anatomy is also given in the final year of the course.

The department of Practical Anatomy is under the direct control and personal supervision of the Professor of Anatomy, assisted by his staff of Demonstrators.

The methods of teaching are similar to those of the best European schools, and Students are thoroughly grounded in this branch.

Every student must be examined at least three times on each part dissected, and no certificate is given unless the examinations are satisfactory.

Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Prizes are awarded at the end of the Session for the best examination on the fresh subject.

The Dissecting Room is open from 9 a. m. to 6 p. m. Abundance of material can be obtained, owing to the Anatomy Act of the Province of Quebec.

#### CHEMISTRY.

# PROFESSOR, GILBERT P. GIRDWOOD.

The course of this subject is carefully graded. Students of the first year receive lectures on Chemical and Physiological Physics and the general principles and theories of the science. In the second year the course on chemistry is extended to embrace its application to physiology and medicine, and includes a course in Organic Chemistry. The lectures are fully illustrated by experiments, for which the department is equipped with all modern Lecture-room apparatus.

# PRACTICAL CHEMISTRY.

PROFESSOR, R. F. RUTTAN.

ASSISTANT DEMONSTRATORS, W. K. BROWN, A. T. IRVINE, LABORATORY ASSISTANT, CHARLES STEVENSON.

Laboratory instruction in practical chemistry is given during each of the first three years of study throughout one term.

The first year's course illustrates the general principles of chemical action and the properties of typical elements. During the second year the course will include methods of qualitative analysis and the detection of poisons. In the third year a course of clinical and sanitary chemistry is given, in which the student is made familiar with the application of chemistry to the diagnosis and prevention of disease. Special attention is directed to instructing the student in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticised.

#### PHYSIOLOGY.

The JOSEPH MORLEY DRAKE, PROFESSOR.—WESLEY MILLS.

LECTURER, W. S. MORROW.

DEMONSTRATORS, J. W. SCANE and A. A. ROBERTSON.

The purpose of this course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology; its methods, its deductions, and the basis on which the latter

rest. Accordingly a full course of lectures is given, in which the physical, the chemical and other aspects of the subject receive attention.

In addition to the use of diagrams, plates, models, etc., every department of the subject is experimentally illustrated. The experiments are mostly free from elaborate technique, and many of them are of a kind susceptible of ready imitation by the Student.

## Laboratory work for Senior Students:-

- (1.) During a part of the Session there will be a course on Physiological Chemistry, in which the Student will, under direction, investigate food stuffs, digestive action, blood, and the more important secretions and excretions, including urine. All the apparatus and material for this course will be provided.
- (2.) The remainder of the Session will be devoted to the performance of experiments which are unsuitable for demonstration to a large class in the lecture room, or that require the use of elaborate methods, apparatus, etc., together with such as each individual of the class can himself conduct.

## Laboratory work for Junior Students:-

This will be somewhat similar to the course for senior students, but simpler and anatomico-physiological rather than chemical; like the work for second year students, its main object will be the illustration of important physiological principles.

#### HISTOLOGY,

PROFESSOR, GEO. WILKINS. DEMONSTRATOR, N. D. GUNN.

ASSISTANT DEMONSTRATORS,

HUGH B. FRASER. WALTER B. FISKE. E. R. BROWN. DAVID PATRICK.

The teaching of Histology and Microscopical Methods is spread over two years. During both years practical instruction will be given upon the preparation and mounting of specimens. Students will also be required to make drawings

of the specimens prepared by them.

For the first year students, work will commence immediately after the Christmas holidays and continue until the end of the session. The course will consist of laboratory work and demonstrations, with occasional lectures upon elementary and systematic histology up to and including the digestive system. At the end of the session a practical examination will be held on the work done.

The second year students will commence work with the beginning of the session and continue until the Christmas holidays. The course will be a continuation of the first year's work, completing the subject of histology. Demonstrations will be given embracing the whole subject. The examinations will be held at the end of the course and will be both written and practical, and cover the whole of histology.

#### PHARMACOLOGY AND THERAPEUTICS.

PROFESSOR, A. D. BLACKADER. DEMONSTRATOR, R. A. KERRY.

The lectures on this subject are graded in the following manner:

During the primary course attention is directed chiefly to Pharmacology, including the important chemical and physical properties of the various drugs, and a brief consideration of their physiological action; therapeutics is considered only in outline. A complete museum of Materia Medica affords the student opportunity for making himself acquainted with the drugs themselves. During the session a course of demonstrations on Practical Materia Medica and Pharmacy is given.

During the final course the psysiological action of drugs is dwelt upon at length, and attention is given to the therapeutic application of all drugs and remedial measures. Prescription writing and the various modes of administering drugs are explained and illustrated. During the course a series of lectures will be delivered in the theatres of the hospitals on special cases or groups of cases, illustrating important points

in both general and special Therapeutics.

#### MEDICINE.

# PROFESSOR, JAMES STEWART.

ASSISTANT PROFESSORS,

F. G. FINLEY.
H. A. LAFLEUR.
C. F. MARTIN

LECTURERS,

G. GORDON CAMPBELL.
W. F. HAMILTON.

DEMONSTRATOR, S. RIDLEY MACKENZIE.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the general laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to women and children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Professor of Pathology.

The College possesses an extensive series of Anatomical plates and models illustrative of the Histological and Anatomical appearances of disease, and the wards of the General and Royal Victoria Hospitals afford the lecturer ample opportunities to refer to living exmples of very many of the maladies he describes, and to demonstrate the results of treatment.

### CLINICAL MEDICINE.

PROFESSOR, JAMES STEWART.

ASSOCIATE PROFESSORS, F. G. FINLEY and H. A. LAFLEUR.

ASSISTANT PROFESSOR, C. F. MARTIN.

The instruction in Clinical Medicine is conducted in the theatres, wards, out-patient rooms and laboratories of the Royal Victoria and Montreal General Hospitals.

The courses include:—

I. The reporting of cases by every member of the Graduating Class, a certain number of beds being assigned to each student.

II. Bedside instruction for members of the Graduating Class.

III. Two Clinics weekly in each hospital.

IV. Tutorial instruction for the Junior Classes, in the wards and out-patient rooms of both hospitals.

V. Instruction in Clinical Chemistry and Bacteriology.

#### SURGERY.

PROFESSOR, THOMAS G. RODDICK.

LECTURERS,

J. M. ELDER. A. E. GARROW.

This course consists of the Principles and Practice of Surgery and Surgical Pathology, illustrated by a large collection of preparations from the Museum, as well as by specimens obtained from cases under observation at the Hospitals. The greater part of the course, however, is devoted to the Practice of Surgery, in which attention is constantly drawn to cases which have been observed by the class during the session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form special departments of this course.

# CLINICAL SURGERY.

PROFESSOR, JAMES BELL.
ASSOCIATE PROFESSOR, GEORGE E. ARMSTRONG.

LECTURERS,

J. M. ELDER.
A. E. GARROW.
J. A. HUTCHISON.

DEMONSTRATOR, KENNETH CAMERON.

The teaching in Clinical Surgery is conducted at the Montreal General and Royal Victoria Hospitals.

I. In the amphitheatre of each of these Hospitals, demonstrations are given and operations are performed before the senior and junior classes on alternate days.

II. Small ward classes of about ten men in each are taken through the wards by the surgeon in attendance, and in-

struction given at the bedside concerning the nature and management of surgical cases, in each hospital, at least once per week.

III. Beds are assigned to students in rotation, and each student is required to carefully study and report cases and to assist in the surgical dressing of the same. Certificates of case reporting are given, and are essential for graduation.

IV. In the Out-patient Department students have an exceptionally good opportunity to study a great variety of injuries, to witness operations in minor surgery, to come into personal contact with patients and to take part in the application of a variety of surgical dressings and appliances.

# OBSTETRICS AND DISEASES OF INFANTS.

PROFESSOR, J. CHALMERS CAMERON.
LECTURER, D. J. EVANS.

ASSISTANT DEMONSTRATORS, { T. P. SHAW. JAMES BARCLAY.

This course will embrace: (1) Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, complete sets of models illustrating deformities of the pelvis, wax preparations, bronze mechanical pelvis, etc. (2) Bedside instruction in the Montreal Maternity, including external palpitation, pelvimetry, the management and after-treatment of cases. (3) A complete course on obstetric operations with the phantom and peserved foetuses. (4) The diseases of infancy. (5) A course of individual clinical instruction at the Montreal Maternity.

Arrangements have now been made for a graded course in Obstetrics, instruction being given separately to third year and final students.

Particular attention is given to Clinical instruction, and a Clinical examination in Midwifery similar to that held in Medicine and Surgery now forms part of the final examination.

A short course of lectures on disease of infancy is given, supplemented by Clinical demonstration and ward work.

### GYNÆCOLOGY.

PROFESSOR, WM. GARDNER. LECTURER, F. A. M. LOCKHART. DEMONSTRATOR, J. D. CAMERON.

The didactic course is graded, and consists of from forty to forty-five lectures given at intervals alternating with the lectures of Obstetrics and extending throughout the session. The anatomy and physiology of the organs and parts concerned is first discussed. Then the various methods of examination are fully described, the necessary instruments exhi-

bited, and their uses explained.

The diseases peculiar to women are considered as fully as time permits, somewhat in the following order:—Disorders of Menstruation; Leucorrhoea; Diseases of the External Genital Organs; Inflammations, Lacerations and Displacements of the Uterus; Pelvic Cellulitis and Peritonitis and Inflammations of the Ovaries and Fallopian Tubes; Benign and Malignant growths of the Uterus; Tumors of the Ovary; Diseases of the Bladder and Urethra. The lectures are illustrated as fully as possible by drawings and morbid specimens.

Clinical teaching, including out-patient and bed-side instruction, is given at both Royal Victoria and Montreal General hospitals by Professor Gardner and Doctors Lockhart and Webster. A large amount of Clinical material is thus available for practical instruction in this department of medicine. Numerous operations are done before the class, and made the subject of remarks. In addition to the ward-patients, each hospital conducts a large out-patient Gyaecological Clinic, to which advanced students are admitted in rotation and instructed in digital and bi-manual examination and in the use of instruments, for diagnosis.

Particular attention is thus given to Clinical instruction, and a Clinical examination in Gynaecology similar to that held in Medicine and Surgary now forms part of the final ex-

amination.

# MEDICAL JURISPRUDENCE.

PROFESSOR, GEO. WILKINS.

This course includes Insanity, the subject being treated of in its Medical as well as Medico-Legal aspects. Special at-

tention is devoted to the subject of blood stains, the clinical microscopic and spectroscopic tests for which are fully described and shown to the class. The various spectra of blood in its different onditions are shown bythe Microspectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, postmortem appearances and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the class. A series of demonstrations and Clinics will be given by Prof. Johnston on the Medico-Legal cases arising out of the coroner's court, as well as those in the Montreal General Hospital. In this way Students will have practical clinical instruction in methods of Medico-Legal investigation in civil as well as in criminal cases.

## OPHTHALMOLOGY AND OTOLOGY.

PROFESSOR, F, BULLER.

LECTURERS, J. J. GARDNER.
J. W. STIRLING.

DEMONSTRATOR, W. G. M. BYERS.

This will include a course of twenty-five lectures on diseases of the Eye and Ear, both didactic and clinical. In the former, the general principles of diagnosis and treatment will be dealt with, including three lectures on the errors of refraction and faults of accommodation. At the clinical lectures given in the Hospitals cases illustrative of the typical forms of ordinary diseases of the Eye and Ear will be exhibited and explained to the class. In the out-patients' department of each Hospital students have excellent opportunities of gaining clinical experience.

#### BIOLOGY.

D. P. PENHALLOW, PROFESSOR BOTANY. E. W. MACBRIDE, "ZOOLOGY.

The course in elementary Biology is designed to prepare for special study in medical subjects. Under the supervision of the professors of Botany and Zoology it will be given during the autumn term—zoology first eight weeks; botany, last four weeks.

A.—Animal Biology.

The Course in Animal Biology will discuss the fundamental properties of protoplasm; the principles of the formation of tissues; the formation of organs; an outline of veretebrate structure and function, as exemplified by Paramecium and Vorticella, Hydra, Lumbricus and the Dog-fish.

Two lectures and one laboratory period each week.

### B.—Plant Biology.

The Course in Plant Biology will deal chiefly with the general properties of cytoplasm; the structure and nature of the plant cell; movement; nutrition; respiration; fixation of carbon; division of labor and origin of organs; evolution of plant forms. These principles will be illustrated in their more simple forms by a Myxomycete, Pleurococcus, Spirogyra and Oedogonium, Fucus, Saccharomyces and Pteris.

Two lectures and one demonstration each week.

#### PATHOLOGY.

The SIR DONALD SMITH, PROFESSOR,—J. G. ADAMI. LECTURER, A. G. NICHOLS.

DEMONSTRATORS,

D. D. MACTAGGART,
D. P. ANDERSON.

FELLOWS, W. W. FORD and J. McCRAE.

The following courses constitute the teaching on this subject:

I. A course of General Pathology for Students of the Third Year (optional for those of the Fourth). Lectures are delivered twice weekly throughout the year.

2. A course of demonstrations in the performance of Autopsies for Students of the Third Year. The demonstrations are held once a week, from October until Christmas.

3. Demonstrations upon the Autopsies of the week for Students of the two final years. These are given during the session by Dr. Adami at the Royal Victoria Hospital, and by Dr. Wyatt Johnston at the General Hospital.

# Practical Courses.

4. The performance of autopsies. Each student is required to take an active part in at least six autopsies. The autopsies are conducted at the General and Royal Victoria Hospitals by the Pathologists of the Hospitals and their assistants. In addition to the actual performance of the sectio cadaveris, students are expected to attend the practical instruction given in connection with each autopsy, in the method of preparation and microscopic examination of the removed tissues, so as to become proficient in methods of preparation, staining and mounting.

5. A practical course in Morbid Histology for Students of the Third Year. This class is held once a week during the winter months. Six sections are as a rule distributed at each meeting of the class so that each student obtains a large and representative series of morbid tissues, and upon an average twenty minutes are devoted to the description and examination of each specimen. Laboratory fee to cover cost of slides,

reagents, microscope, etc., \$5.

6. A course of demonstrations upon Morbid Anatomy (Museum specimens) once weekly during the winter months, for

students of the Fourth Year.

In addition to the above the staff of the department give instruction to the more advanced students who desire to undertake any special work in the laboratories. Classes in clinical pathology and microscopy are given from time to time at the Pathological Laboratory and at the General and Royal Victoria Hospitals under the direction of the Professors of Clinical Medicine. In connection with this department, two researches and teaching fellowships have been established; one by the Faculty of Medicine and one by the Governors.

# DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE.

The SIR DONALD SMITH PROFESSOR,-ROBT. CRAIK. PROF. ROBT. CRAIK. SANITATION AND PREVENTIVE MEDICINE, PROF. WYATT JOHNSTON. SANITARY CHEMISTRY, PROF. R. F. RUTTAN. PROF. J. G. ADAMI. BACTERIOLOGY. ( H. B. YATES. DEMONSTRATORS. A. J. WILLIAMS.

The Department of Public Health and Preventive Medicine has, owing to its endowment by Sir Donald A. Smith, been made one of the most important subjects of the third

year.

The instruction will consist of two lectures per week for the whole session. A systematic course in Bacteriology and Preventive Medicine, including Serum Therapy, will be followed by courses on the sanitary relations of water, soil, food and air, the use and relative value of disinfectants, domestic sanitation, including plumbing, heating, ventilation, the construction of habitations, etc., and will be illustrated by models and special apparatus. Lectures will also be given on personal hygiene, including bathing, exercise, etc., and on climate and health resorts. In addition to the course of systematic lectures, laboratory courses will be given in the Pathological and Chemical laboratories on Bacteriology and sanitary Chemistry. The laboratory work will extend over a period of three months, and will be given twice weekly.

A working museum and model room is equipped with working models and apparatus to illustrate the application of hygienic principles. Demonstrations will be given in the hygienic museum from time to time as required. (See Mu-

seums.)

# LARYNGOLOGY AND RHINOLOGY.

PROFESSOR, H. S. BIRKETT. DEMONSTRATOR, H. D. HAMILTON.

This course will consist of practical lessons in the use of the Laryngoscope and Rhinoscope. The instruction will be

carried on with small classes, so that individual attention may be insured. A limited number of clinical lectures bearing upon interesting cases attending the clinic will be delivered during the session. These lectures will be, however, of an eminently practical nature.

### MENTAL DISEASES.

# PROFESSOR T. J. W. BURGESS.

This course will comprise a series of lectures at the University on Insanity in its various forms, from a medical as well as from a medico-legal standpoint. The various types of mental diseases will be illustrated by cases in the Verdun Asylum, where clinical instruction will be given to groups of senior students at intervals throughout the session.

# DISEASES OF INFANTS AND CHILDREN.

PROFESSORS, { A. D. BLACKADER. J. C. CAMERON.

Although this subject does not constitute a special chair in the University, systematic instruction is given (a) in connection with the chair of Obstetrics and Diseases of Infants, by Prof. Cameron; (b) by a course of lectures, clinical and didactic by Prof. Blackader, and (c) through the Children's Clinic at the Montreal General Hospital and at the Infants' Home.

#### IV.

# DOUBLE COURSES.

By special arrangements with the Faculty of Arts, it is now possible for students to obtain the double degree of B.A., and

M.D., C.M., after only six years of study.

It has been decided to allow the Primary subjects (Anatomy, Physiology and Chemistry) in medicine to count as Honor subjects of the third and fourth years in Arts. It follows then that at the end of four years' study a student may obtain his B.A. degree and have two years of his medical course completed.

The remaining two years of study are devoted to the third and fourth year subjects in Medicine.

The special provisions for Medical Students in the Arts

course are as follows:-

During the first two years in the Faculty of Arts students taking the double course will complete their studies in Biology, Physics and Elementary Chemistry.

### I. In the Third Year:-

- (a) Anatomy and Practical Anatomy, Histology and Physiology, of First Year Medicine.
- (b) Either one or two of the courses which are not placed under the heading "Science" in the Arts curriculum.
- (c) Either one or two hours weekly in English Composition.\*

### II. In the Fourth Year:-

- (a) Anatomy and Practical Anatomy, Histology, Physiology, Chemistry, of Second Year Medicine.
- (b) One of the courses which are not placed under the heading "Science" if only one has been taken in the Third Year.
- (c) One hour weekly in English Composition, if only one has been taken in the Third Year.\*

\*NOTE.—Students are recommended to distribute their English work over two years.

To secure these privileges, certificates of registration in the Medical Faculty must be presented at the beginning of each year to the Dean of the Faculty of Arts; and at the end of each session in the first two years certificates of attendance on lectures and of passing the corresponding examinations must also be presented. At the end of the Third and Fourth Years certificates must be presented to show that the full curriculum of the Medical Faculty for the year has been completed.

A certificate of Licentiate in Arts will be given along with the professional degree in Medicine to those who, previous to entrance upon their professional studies proper, have completed two years in the Faculty of Arts, and have duly passed

the prescribed examinations therein.

#### V.

# GRADUATE AND ADVANCED COURSES.

The Faculty of Medicine in 1896 established post-graduate and special courses in connection with the Montreal General and Royal Victoria Hospitals and the various laboratories in the University buildings. These courses will be continued in 1901.

There will be two distinct sets of courses, one a short practical and clinical course for medical men in general practice who desire to keep in touch with recent advances in Medicine, Surgery and Pathology, and who wish special clinical experience in Gynaecology, Ophthalmology, Laryngology, etc. This course will last about six weeks, beginning 'about the first of May.

A special detailed programme will be prepared, and will be sent on application in February next. The fee, including hospital fees for both hospitals, is fifty dollars.

The other courses will be for those who have just completed their regular course in Medicine, and desire special Laboratory or Clinical teaching before beginning practice.

Arrangements have also been made to accommodate a limited number of such graduates who desire advanced and research work.

Commodious laboratories for advanced work have been equipped in connection with the Pathological and Clinical departments of both the Royal Victoria and Montreal General Hospitals, and in connection with the general laboratories for Pathology, Pharmacology, Physiology and Chemistry, recently altered and extended in the new buildings of the Faculty.

Recent graduates of recognized universities desiring to qualify for examinations by advanced laboratory courses, or who wish to engage in special research, may enter at any time by giving a month's notice, stating the courses desired and the time at their disposal.

All the regular clinics and demonstrations of both hospitals

will be open to such students on the same conditions as undergradutes in medicine of this University.

These laboratories have been open for graduates since May

Ist. 1896.

Further details regarding courses, fees, etc., may be obtained on application to the Registrar.

# THE GRADUATE COURSE OF 1900.

The Faculty of Medicine has just completed the Fifth special course of instruction for general practitioners. This course began Tuesday, May 2nd, and closed June 10, 1900.

The course consisted of:-

- (A.)-LABORATORY COURSES.—Systematic laboratory instruction was given from 9 to 10.30 every morning in Microscopical Methods, Clinical Microscopy and Clinical Bacteriology, including the histology of blood in disease and serum diagnosis. These courses were conducted by Profs. Adami and Wyatt Johnston, assisted by Drs. C. F. Martin, N. D. Gunn, Nichols, Anderson and Yates. A course of Operative Surgery on the cadaver was given by Prof. Armstrong from 8 to 9 a.m. during the second, third and fourth weeks of the course.
- SPECIAL DEMONSTRA-(B.) - LABORATORY AND TIONS. - These demonstrations were given daily from 10.30 to mid-day, and consisted of one or more of the following: Modern treatment of Diphtheria, Prof. Finley; Operative Midwifery, Prof. J. C. Cameron; Mental Diseases, Dr. Burgess; Medico-Legal Autopsy Methods, Prof. Wyatt Johnston; Clinical use of Roentgen Rays, Prof. Girdwood; Illustrations of the Graphic ethod as applied to Physiology and Clinical Medicine, Prof. W. Mills; Anatomical Demonstration on the Cadaver, Drs. McCarthy and Tait McKenzie; Surgical Anatomy, Drs. Elder and J. Henderson; Clinical Chemistry and Urinalysis, Prof. Ruttan; Morbid Anatomy of certain diseases, Prof. Adami; Infant feeding (Modified Milk, etc.). Dr. Evans.
- (C.) MEDICAL AND SURGICAL CLINICS. For four days each week, during the first two hours of the after-

noon, there were clinics on groups of cases in the wards of the Montreal General and Royal Victoria Hospitals. Those given in the Medical Wards of the Montreal General Hospital were given by Profs. Blackader and Lafleur; in the Surgical Wards, by Prof. Shepherd and Dr. Elder; in the Royal Victoria Hospital Medical Wards, by Prof. Stewart and Dr. C. F. Martin; in the Surgical Wards, by Prof. Bell and Dr. Garrow. In addition two or three ward classes were given weekly.

(D.)—CLINICS IN SPECIAL DEPARTMENTS OF MEDICINE AND SURGERY. — One or more of these clinics were given in the Hospitals each afternoon, after the regular Medical or Surgical Clinic, and during the entire afternoon on Wednesday and Saturday of each week. The following special Clinics were given: Ophthalmology in the Royal Victoria Hospital, by Prof. Buller; in the Montreal General Hospital, by Dr. J. Gardner; Dermatology, Prof. Shepherd; Genito-Urinary Surgery, Prof. Bell; Orthopedics, Dr. C. W. Wilson; Laryngology, Prof. Birkett and Dr. Hamilton; Gynaecology, Prof. Wm. Gardner and Dr. Chipman in the Royal Victoria Hospital, and Dr. Lockhart in the Montreal General Hospital; Aseptic Midwifery (at the Montreal Maternity Hospital), Prof. J. C. Cameron; Diseases of Children, Prof. Blackader and Dr. G. G. Campbell.

The above course of instruction is given wholly apart from the regular lectures, clinics, etc., for undergraduates in medicine, and the Graduates may enter on the course at any time

between May 1st and June 15th.

Practitioners who purpose attending this course may obtain programme of course for 1901 on application after March next to the Registrar.

# DIPLOMA COURSE IN PUBLIC HEALTH.

The Faculty of Medicine in the session of 1899-1900 instituted a graduate course in Public Health and Sanitary Science. This course will be given each year and the diplomas conferred at the annual convocation.

Candidates undertaking this Course must have possessed a degree in Medicine or other qualification of practice for at least twelve months before the candidate is competent to receive the diploma. The following are the courses resquisite:

I. Course of lectures in Public Health (to be omitted in the case of candidates who have attended such a course before graduation).

2. A three months' course of instruction upon infective and parasitic diseases of man and the domestic animals, which course shall include practical work in a bacteriological lab-

oratory.

3. A six months' course of practical study of outdoor sanitary work under a medical officer of health (to be omitted in the case of medical health officers holding appointments prior to the establishment of this diploma course).

4. Three months' attendance and clinical instruction at a hospital for infectious diseases (unless such course has al-

ready been taken prior to graduation).

5. Three months' instruction in sanitary chemistry and physics with practical work in a chemical laboratory.

Examination for Diploma shall cover the following sub-

jects:-

1. Examination of clinical cases at an infectious hospital.

2. The drawing up of outlines for annual and other reports of officers of health.

3. Report upon the sanitary condition of some actual locality.

4. The chemical analysis of liquids and gases and of speci-

mens of food.

5. Demonstration of the consideration and use of meteorological hygienic and sanitary apparatus.

6. Microscopical examination of specimens submitted.

7. Description of specimens of human and other diseased tissues.

8. Practical examination in the employment of the usual bacteriological methods.

9. The inspection of carcases of animals to be used for food.

The above examination shall be written and oral and practical, and shall extend over a period of four days.

The following is a list of subjects included in the curriculum of study:—

(a) Sanitary Chemistry, examination of air, gases, water, the

action of water on metals, milk and food; detection of poisons in articles of dress and of decoration; the chemistry of sewage.

(b) Sanitary Physics: Hydrodynamics, pneumatics and hydraulics applied to hygiene, light and photometry; heat and

thermometry; the principles of hygrometry.

(c) Sanitary Legislation: Statutes and by-laws relating to public health; the powers of public sanitary authorities.

(d) Bacteriology and Parasitology: Modes of propagation of disease and transmission of disease between man and man, and man and animals; bacteriological analysis in relation to public health matters; natural history of microbes and animal parasites.

(e) Vital Statistics: Calculation and tabulation of returns

of births, marriages, and deaths and diseases.

(f) Nosology: Definition in nomenclature and classification of disease.

(g) Meteorology and Climatology: The geographical and to-pographical distribution of disease.

(h) Preventive Medicine and Practical Sanitation.

The fee for the Diploma of the first session shall be \$10.

#### VI.

### QUALIFICATIONS FOR THE DEGREE.\*

1st. No one entering after September, 1894, will be admitted to the Degree of Doctor of Medicine and Master of Surgery who shall not have attended Lectures for a period of four nine months' sessions in this University, or some other University, College or School of Medicine approved of the this University, College or School of Medicine, approved of by this University.

2nd. Students of other Universities so approved and admitted on production of certificate to a like standing in this University shall be required to pass all Examinations in Primary and Final Subjects in the same manner as Students of this University.

Graduates in Arts who have taken two full courses in General Chemistry, including Laboratory work, two courses in Biology, including the subjects of Botany, Embryology, Elementary Physiology and dissection of one or more types of Vertebrata, may, at the discretion of the Faculty, be admitted as second-year Students, such courses being accepted as equivalent to the first-year in Medicine. Students so entering will, however, not be allowed to present themselves for examination in Anatomy until they produce certificates of dissection for

4th. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education. ‡ viz:

ANATOMY.

PRACTICAL ANATOMY. PHYSIOLOGY.

CHEMISTRY

PHARMACOLOGY AND THERAPEUTICS. PRINCIPLES AND PRACTICE OF SURGERY. OBSTETRICS AND DISEASES OF INFANTS. GYNÆCOLOGY

THEORY AND PRACTICE OF MEDICINE. CLINICAL MEDICINE.

CLINICAL SURGERY.

MEDICAL JURISPRUDENCE. GENERAL PATHOLOGY.

HYGIENE AND PUBLIC HEALTH. PRACTICAL CHEMISTRY.

OPHTHALMOLOGY AND OTOLOGY.

BIOLOGY HISTOLOGY.

PATHOLOGICAL ANATOMY.

BACTERIOLOGY MENTAL DISEASES.

PEDIATRICS

MEDICAL AND SURGICAL ANATOMY.

Of which Two full Courses will be required.

Of which One full Course will be required.

Of which One Course will be required.

<sup>\*</sup> It shall be understood that the programme and regulations regarding courses of study and examinations contained in this calendar hold good for this calendar year only, and that the Faculty of Medicine, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole four years of a student's course, to the conditions now laid down.

<sup>†</sup> Students enregistered in the Province of Quebec are required to attend and pass examinations in Laryngology and Minor Surgery.

<sup>‡</sup> Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted.

He must also produce Certificates of having assisted at six Autopsies, of having dispensed Medicine for a period of three months, and of having assisted at twenty Vaccinations.

5th. Courses of less length than the above will only be received for the time over which they have extended.

6th. No one will be permitted to become a Candidate for the degree who shall not have attended at least one full Session at this University.

7th. The Candidates must give proof of having attended during at least twenty-four months the practice of the Montreal General Hospital or the Royal Victoria Hospital or of some other Hospital of not fewer than 100 beds, approved of by this University. Undergraduates are required to attend only the practice of the Out-Patient departments of the Hospitals during their second year.

8th. He must give proof of having acted as Clinical Clerk for six months in Medicine and six months in Surgery in the wards of a general hospital recognized by the Faculty, of having reported at least 10 medical and 10 surgical cases.

9th. He must also give proof by ticket of having attended for at least nine months the practice of the Montreal Maternity or other lying-in-hospital approved of by the University, and of having attended at least six cases.

10th. Every candidate for the degree must, on or before the 15th day of May, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty an affirmation or affidavit that he has attained the age of twenty-one years.

11. The trials to be undergone by the Candidate shall be in the subjects mentioned in Section 4.

12. The following oath of affirmation will be exacted from the Candidate before receiving his degree:

#### SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis.

Minner

Ego, A—B—,Doctoratus in Arte Medica titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo:—me in omnibus grati animi officiis erga hanc Universitatem ad extremum vitæ halitum perseveraturum; tum poro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem corducentia cum fide procu aturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita praesens mihi spondenti adsit Numen.

13th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination.

#### VII.

### EXAMINATIONS.

Frequent oral examinations are held to test the progress of the Student, and occasional written examinations are given throughout the Session.

The Pass and Honor examinations at the close of each

Session are arranged as follows:-

#### First Year.

Examinations in Biology, Histology, Physiology,

ANATOMY, CHEMISTRY Theoretical and Practical.

Students who have taken one or more university courses in Botany or Chemistry before entering may be exempted from attendance and examination. Students exempted in their first year subjects are allowed only a pass standing, but may present themselves for examination if they desire to attain an honor standing.

#### Second Year.

Examinations in Anatomy, Chemistry, Practical Chempeutics.

#### Third Year.

Examinations in Pharmacology and Therapeutics, Me-ISTRY, Physiology, Histology, Pharmacology and Thera-DICAL JURISPRUDENCE, PUBLIC HEALTH and PREVENTIVE MEDICINE (including Bacteriology), General Pathology, Mental Diseases, Clinical Chemistry, Obstetrics, Me-DICINE and Surgery.

### Fourth Year.

Examinations in Medicine, Surgery, Obstetrics, Gynæcology, Opthalmology, Clinical Medicine, Clinical Surgery, Clinical Obstetrics, Clinical Gynæcology, Clinical Opthalmology and Practical Pathology.

By means of the above arrangement a certain definite amount of work must be accomplished by the student in each

year, and an equitable division is made between the Primary and Final branches.

A minlmum of 50 per cent. in each subject is required to Pass

and 75 per cent. for honors.

Candidates must pass in all the subjects of each year; those who fail to pass in not more than two subjects of either the first, second or third years may be granted a supplemental examination at the beginning of the following session.

Supplemental examinations will not be granted, except by special permission of the Medical Faculty, and on written application stating reasons, and accompanied by a fee of \$5.00

for each subject.

No candidate will be permitted, without special permission of the Faculty, to proceed with the work of the final year until he has passed all the subjects comprised in the Primary examination.

No Student will be allowed to present himself for his final examinations who has not certificates of having passed all

his Primary examinations in this University.

Candidates who fail to pass in a subject of which practical courses are required may, at the discretion of the Faculty, be required to repeat the course, and furnish a certificate of attendance thereon. A course in Practical Anatomy will be accepted as equivalent to a third course of lectures in General and Descriptive Anatomy.

#### VIII.

# FELLOWSHIPS, MEDALS AND PRIZES.

The Faculty has begun to establish Teaching and Research Fellowships in connection with the various laboratories.

These fellowships are of a value of five hundred dollars

per annum, and are tenable for three years.

Two are now established in connection with the department of Pathology-a Governor's Fellowship endowed by one or two of the Governors of the University, and a Faculty Fellowship established by the Faculty. Other Fellowships will be announced as they are established.

1st. The "HOLMES GOLD MEDAL," founded by the

Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., late Dean of the Faculty of Medicine. It is awarded to the student of the graduating class who receives the highest aggregate number of marks in the different branches comprised in the Medical Curriculum.

The Student who gains the Holmes' Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

2nd. THE FINAL PRIZE.—A Prize in Books (or a Microscope of equivalent value) awarded for the best examination, written and oral, in the Final branches. The Holmes' medalist is not permitted to compete for this prize.

3rd. THE THIRD YEAR PRIZE.—A Prize in Books awarded for the best examination, written and oral, in the branches of the third year.

4th. THE SECOND YEAR PRIZE.—A prize in books for the best examination in all the branches of the second year in course.

5th. THE FIRST YEAR PRIZE.—A prize in books for the best examination in all the branches of the first year in course.

6th. The "SUTHERLAND GOLD MEDAL," founded in 1878 by the late Mrs. Sutherland in memory of her late husband, Professor William Sutherland, M.D. It is awarded for the best examination in General and Medical Chemistry, together with creditable examination in the primary branches. The examination is held at the end of the third year.

7th. The "CLEMESHA PRIZE IN CLINICAL THERAPEUTICS," founded in 1889 by John W. Clemesha, M.D., of Port Hope, Ont. It is awarded to the student making the highest marks in a special clinical examination.

#### IX.

## FEES.

The total Faculty Fees for the whole medical course of four full sessions, including clinics, laboratory work, dissecting material and reagents, will be five hundred dollars, payable in four annual instalments of \$125 each.

For the convenience of the undergraduates, the Hospital fees are payable in the Registrar's office at the University. Ten dollars to be paid at the beginning of each of the last three sessions, viz., the second, third and fourth years. This will entitle each undergraduate to perpetual tickets for both the Montreal General and Royal Victoria Hospitals.

Partial students will be admitted to one or more courses on payment of special fees. An annual University fee of three dollars is charged students of all the faculties for the main-

tenance of college grounds and athletics.

Students repeating the course of study of any Academic session are not required to pay full fees. A fee of twenty-five dollars will be charged, which will include Hospitals, dissecting material, chemical reagents, laboratory fees, etc. The same fee is charged students entering from other colleges who have already paid elsewhere fees for the courses taken.

It is suggested to parents or guardians of students that the fees be transmitted direct by cheque or P. O. Order to the Registrar, who will furnish official receipts.

All fees are payable in advance to the Registrar, and except by permission of the Faculty will not be received later than Octo-

ber 20th.

For Graduation Fees, see page 252. For Hospital Fees, see pages 266, 267, 270.

#### X.

# TEXT BOOKS.

ANATOMY.—Gray, Morris, Quain (Eng. Ed.), Gervish.
PRACTICAL ANATOMY.—Cunningham's Practical Anatomy,
Ellis' Demonstrations, Holden's Dissector and Landmarks.

Physics.—Balfour Stewart.

INORGANIC CHEMISTRY.—Remsen, Wurtz's Elementary Chemistry.

ORGANIC CHEMISTRY.—Remsen. PRACTICAL CHEMISTRY.—Odling.

PHARMACOLOGY and THERAPEUTICS.—Butler, White, Hare and Wood.

Physiology.—Foster and Shore's Physiology for Beginners, Mills' Textbook of Animal Physiology, Foster's Physiology, G. N. Stewart's Physiology, Mills' Class Laboratory Exercises.

PATHOLOGY.—Zeigler, Coats'.

PRACTICAL PATHOLOGY.—Mallory and Wright, Delafield & Prudden, Boyce.

BACTERIOLOGY.—Muir & Ritchie, Abbott.

Histology.—Klein's Elements, Schafer's Essentials of Histology, Stohr.

Surgery.—Holmes, Moullin, Walsham, Erichsen, Treves, American Text-Book of Surgery, Da Costa.

PRACTICE OF MEDICINE.—Osler, Tyson, Wood and Fitz.

CLINICAL MEDICINE.—Musser's Medical Diagnosis; Simon, Klemperer, Rainy and Hutchison, Vierort's Medical Diagnosis.

MEDICAL JURISPRUDENCE.—Reese, Guy and Ferrier.

MENTAL DISEASES.—Insanity and its Treatment, Blandford, 4th Ed.

OBSTETRICS.—Jewett, and American Text Book.

DISEASES OF CHILDREN.—Holt, Rotch, Smith and Starr.

GYNÆCOLOGY.—Hart and Barbour, Garrigues, Webster, Dudley on Diseases of Women.

Hygiene.—Parks, Wilson, Rohe.

Biology, Botany.—Gray's Text Book of Histology and Physiology; Zoology, Shipley and Macbrides' Introduction to Zoology.\*

OPTHALMOLOGY.—De Schweinitz, Nettleship and Swanzy.

OTOLOGY.—Pritchard, Dalby.

LARYNGOLOGY.—Watson Williams and Karl Seiler, Grumwald's Atlas of Diseases of Larynx.

OPERATIVE SURGERY.—Jacobson, Treves, Kocher.
DERMATOLOGY.—Malcolm Morris, Hyde, Crocker, Unna.
MEDICAL DICTIONARY.—Gould, Dunglison, Hoblyn.

<sup>\*</sup> Each student will be required to pay \$2.50 in order to cover the cost of a class book and other necessaries which are supplied to him and become his property.

#### XI.

### MUSEUMS.

The Faculty has during recent years devoted special attention to the development of its museums in the several departments in which objective teaching is of especial value in the education of the student.

There are now four museums in the Medical Building: (1) the Museum of Pathology, (2) the Anatomical Museum, (3) the Museum of Public Health and Preventive Medicine, (4) the Museum of Pharmacy.

Each collection is arranged and selected with the primary object of making it a teaching museum. The several collections are open to students and the public between 9 a.m. and 5 p.m.

### PATHOLOGICAL MUSEUM.

PROF. J. G. ADAMI, DIRECTOR.

MAUD E. ABBOTT, B.A., M.D., ASSISTANT CURATOR.

M. JULES BAILLY, OSTEOLOGIST AND ARTICULATOR.

For the past fifty years the rich Pathological Material furnished by the Montreal General Hospital has been collected here. The Faculty is also greatly indebted to many medical men throughout Canada and different parts of the world for important contributions to the Museum.

During the past few years, numerous and extremely important additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesentric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" is also found. The Faculty are indebted to Prof. Osler, late of this University, for this collection.

The Museum contains also a very large collection of different forms of calculi. The Faculty are mainly indebted to Prof. Fenwick for this collection

During the past seven years, M. Bailly, osteologist and articulator (lately with Tramond of Paris), has been engaged in arranging and mounting the very large number of specimens of disease and injuries of bones which have been accumulating for years. In this collection are to be found examples of fractures and dislocations of the spine, osteoporosis, congenital dislocation of the hip, fracture of the astragalus, multiple exostoses, etc., etc.

The Pathological Museum has recently undergone complete alteration. All the old fixtures have been removed, a new gallery has been erected about both rooms, reached by a single staircase in a small intermediate room in which is

placed the medico-legal collection.

The first room on entering contains the extensive bone collection and calculi. The second and larger room is reserved for the moist preparations, which are arranged so as to be of easy access for the student. Water color drawings made from the fresh specimens are mounted on swinging frames, and also form a frieze at the ceiling. These serve to recall the fugitive colors of those preparations which become more or less altered on keeping.

Numerous specimens have been contributed from the surgical and medical wings of the Royal Victoria Hospital, and from the different departments of the Montreal General Hospital

pital.

The Director of the Museum has pleasure in acknowledging the receipt of the following objects for the year ending June 1st, 1900:

# FROM THE PATHOLOGICAL LABORATORY OF THE ROYAL VICTORIA HOSPITAL.

From Dr. Wm. Gardner:-

Pyosalpinx with fibre myoma of the uterus. Fibroid of uterus undergoing myxomatous degeneration. Fibro-myoma of left broad ligament. Myxo-chondro-lipoma of pelvis.

Retroperitoneal myxo-lipoma.

Multiple fibroids of uterus.

Uterus and contents.

Uterus and cysts.

Double dermoids of uterus and myoma uteri.

Hypertrophied ovaries.

From Dr. J. C. Cameron:—
Placenta showing abnormalities.

From Dr. F. J. Shepherd:—
Amputation of hand through metacarpus.
Skeleton of trunk in a case of spinal caries.
Calcification of parietal layer of pleura.
Bullet wound of fibula.
Necrosis of frontal bone.

From Dr. J. N. Taylor (through Dr. Shepherd):—
Gunshot fracture of frontal bone, inferior maxilla and sternum.

From Dr. E. M. Sharpe:—
Accessory thumb removed from infant.

From Dr. C. F. Martin:—
Foetus in membranes.

From Dr. McTaggart:—
Scurlius carcinoma of stomach.
Ruptured tubal pregnancy.

From Dr. Elder:—

Cyst of thyroglossal duct with photograph.

Urinary calculus.

From Dr. Springle:—
Ruptured tubal pregnancy.

From Dr. C. Wolf:—
Guinea worm from Old Calabar. Niger Coast Protectorate.

From Dr. J. J. Ross:-

Anencephalic monster showing amniotic bands and abnormalities resulting therefrom.

# SPECIMENS PRESENTED TO THE MUSEUM.

Chronic myocarditis.

Atheroma of mitral valves.

Calculus in kidney.

Abnormal lobation of lung.

Heart (hypertrophy of the right ventricle).

Adeno-carcinoma of prostate.

Tuberculous ulceration of intestine.

Suppurative metritis and perimetritis.

Ulcerative endocarditis.

Mitral stenosis and aortic regugitation.

Carcinoma of larynx.

Chronic intestitial nephritis.

Primary contracted kidney élead).

Perforative appendicitis.

Acute glossitis (Bright's disease).

Specimens of lymphosarcoma.

Aortic aneurism.

Oedema of glottis (Bright's disease).

Caseous tuberculosis of mesenteric glands.

Atheroma of aorta.

Arterio-sclerotic kidneys.

Typhoid spleen.

Button-hole mitral.

Horseshoe kidney.

# MUSEUM OF PUBLIC HEALTH AND PREVENTIVE MEDICINE.

DIRECTOR, R. F. RUTTAN.

MUSEUM ASSISTANT, CHARLES STEVENSON.

This Museum has been established from the interest accruing through the endowment of the Chair of Hygiene by Lord Strathcona and Mount Royal in 1893.

The museum at present is chiefly of interest on account of the number and excellence of the working models, illustrating the best modern methods of stertilisation, disinfection, filtration and ventilation, together with a very useful collection of modern sanitary apparatus, illustrating the advantages and disadvantages of the water carriage system for the disposal of refuse, etc.

The Director has much pleasure in acknowledging contributions of value from:

- The Sanitary Construction Company of New York.
   Richard King, King, Sprague & Co., New York.
- 3. Maignens Filtre Rapide Co., London, Eng.

4. L. Casella, London, Eng.

- 5. Messrs. Doulton & Co., Lambeth Pottery, London, E.C.
- 6. The Sanitary Institue, Parke's Museum, London.
- 7. The Hygienic Referendum, Hornsey, London, Eng.
- 8. Messrs. Newton & Co., London.
- 9. The Expanded Metal Co., London.
- 10. A. B. Reck, Copenhagen, Denmark.
- II. Fischer Filter Plate Co. 12. J. W. Hughes, Montreal.
- 13. Wormser, Filterplatten-Werk, Worms, Germany.
- 14. The Laing Packing Company, Montreal.

The Department of Hygiene is also indebted to Mr. Fleming, Sanitary Engineer, for assistance and advice.

# ANATOMICAL MUSEUM.

DIRECTOR, PROFESSOR F. J. SHEPHERD.
M. JULES BAILLY, OSTEOLOGIST AND ARTICULATOR.

This Museum occupies a large room on the same floor and adjoining the Anatomy Lecture Room and Dissecting Room. Smaller apartments in connection are used for private research, which is encouraged in every way by the Faculty.

The Museum is well furnished and comfortable, and students have every opportunity of studying Human, Comparative and Applied Anatomy.

This department has during the past few years added a very complete collection of plaster and papier mache models by Steger, after the well-known works of His and Braune, comprising:

(a) A complete set of Steger's brain sections.

(b) Models of the cerebro-spinal and sympathetic nervous

systems.

(c) Professor Cunningham's well-known and beautiful casts of the head, showing the relation of the cerebral convolutions to the skull and its sutures.

A large collection of human brains, made by Professor Osler, formerly of this University, exhibiting the various types and extremes.

A large and rare collection of anomalies of the Renal ves-

sels and ureter, and the aorta and its branches.

In Comparative Anatomy the student will find a fair amount of material, the study of which will greatly aid him in the

elucidation of many points in Human Anatomy.

Many skeletons mounted by Mons. Jules Bailly, Articulator to the University, representing the various classes, orders, genera and species of the animal kingdom may be con-

A large collection, showing the pectoral girdle in birds, has been prepared under the supervision of the Professor of Ana-

Moist and dry preparations of dissections, a large collection of frozen cross sections of the human body, showing the normal relations of the viscera, etc., will be found convenient for study.

During the past year numerous valuable specimens have been presented to the Museum and its stores, which will be

acknowledged in the next Calendar.

### XII.

### LIBRARY.

LIBRARIAN, PROF. F. G. FINLEY. ASSISTANT LIBRARIAN, Miss M. R. CHARLTON.

The Library of the Medical Faculty now comprises upwards of twenty-one thousand volumes, the largest special library connected with a medical school on this continent.

The valuable libraries of the late Professors Robert Palmer

Howard, George Ross, Richard L. MacDonnell, T. Johnston Alloway and of Dr. Allen Ruttan have been donated

to the Medical Faculty.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may consult any work of reference in the library between 9 a.m. and 6 p.m. A library reading-room for the use of students is provided.

# EXTRACTS FROM THE LIBRARY REGULATIONS.

I. During the College Session the Library is open daily (except Sundays and general public holidays) from 9 a.m. till 6 p.m. During vacation from 10 a.m. to 5 p.m.

II. The stack room is not open to students or to the public. III. The books in the Library are classed in two divisions: 1st, those which may be taken from the Library; 2nd, those which may not, under any circumstances, be removed from the Library. The latter class includes all catalogues, dictionaries and encyclopedias.

IV. Students will be allowed to use regular text-books only in the Library. Any other book may be taken out at 5.30 p.m., to be returned the next day. If books so removed from the Library are not returned punctually, a fine will be imposed, and if the delay be serious the student may be suspended from use use of the Library at the discretion of the Librarian.

V. Students may take out books, subject to the above regulations, to the number of three volumes at one time.

VI. Books may be taken from the Library only after they have been especially asked for and charged at the delivery desk; borrowers who cannot attend personally must sign and date an order, giving the titles of the books desired and the

name of the person deputed to procure the same.

VII. Damage to or loss of books shall be made good to the satisfaction of the Librarian and of the Library Committee. Writing or making any mark upon any book belonging to the Library is unconditionally forbidden. Any persons found guilty of wilfully damaging any book in any way shall be excluded from the Library, and shall be debarred from the use thereof for such time as the Library Committee may determine.

VIII. Silence must be strictly observed in the Library.

IX. Infringement of any of the rules of the Library will subject the offender to a fine or suspension of his privileges, or to such other penalty as the nature of the case may require.

The number of volumes presented to the Library from May 22nd, 1899, to June 1st, 1900, is	1,100
Total additions to June, 1900	1,218
June 15th, 1900, has been	9,956
was	6,350
was	5,920
The attendance from June 1st, 1895, to June 1st, 1896, was	4,875
The number of books taken out for home use has been	5,142
The number of Journals and pamphlets has been	500
zto'S	

This does not include the works consulted in the Library.

The Faculty has endeavored to make the Library as complete as possible for research work. Complete files of almost all the important periodicals are now on the shelves, including foreign as well as English and American journals. A large number of transactions of various societies has recently been acquired, and also the Berlin and Paris theses.

Arrangements have been made whereby practitioners both in the city and country can avail themselves of the library, the only conditions being the payment of express charges and a

guarantee for the safe return of books borrowed.

### XIII.

## McGILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty, meets every alternate Saturday during the Autumn and Winter Terms, for the reading of papers, case reports and discussions on medical subjects. A prize competition has been established in senior and junior subjects, the senior being open to all to write upon, while only the 1st, 2nd and 3rd year students are allowed to compete in the junior subjects. The papers are examined by a board elected from the Professoriate, and a first and second prize in each division of subjects is awarded to the successful candidates.

Names of competitors and titles of papers shall be sent to the Chairman of the Programme Committee before September 1st, and all papers shall be subject to the call of the Committee on October 1st. All papers shall be handed in for ex-

amination on or before January 10th.

The Students' reading room has been placed under the control of this Society, in which the leading English and American Medical Journals are on file, as well as the leading daily

and weekly newspapers of the Dominion.

The annual meeting is held the first week of the Spring Term, when the following officers are elected: Hon. President, elected from the Faculty; President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter, Pathologist, and three Councilmen (of whom two shall be elected from the Faculty).

### XV.

## HOSPITALS.

The City of Montreal is celebrated for the number and importance of its public charities. Among these its public hospitals are the most prominent and widely known. Those in which medical students of McGill University will receive clinical instruction are: (1) The Montreal General Hospital. (2) The Royal Victoria Hospital. (3) Montreal Maternity Hospital.

The Montreal General Hospital has for many years been the most extensive clinical field in Canada. The old buildings, having proved inadequate to meet the increased demand for hospital accommodation, have recently been increased by the addition of two surgical pavilions, the Campbell Memorial, and the Greenshields Memorial, and of a new surgical theatre. The interior of the older buildings now has been entirely reconstructed on the most approved modern plans.

The Royal Victoria Hospital at the head of University Street, which in structure and arrangements ranks among the finest modern hospitals of either continent, was opened for the reception of patients the first of January, 1894, and affords exceptional opportunities for clinical instruction and

practical training.

### Montreal General Hospital.

This hospital has been for many years the most extensive clinical field in Canada.

It consists of a Surgical and Medical Department.

The Surgical Department has two large pavilions, containing four wards 135 feet long by 35 broad, with an intervening and connecting building in which is a large operating theatre of the most modern type, capable of seating over 350 students. In connection with this are preparation, etherising, instruments, stertilising and surgeons' rooms, also smaller operating rooms. The Surgical pavilions, which were built three years ago, accommodate over one hundred patients.

The old part of the hospital, consisting of the Reed, Richardson and Morland wings, has during the past year been completely rebuilt and remodeled, and forms the Medical Department. This part contains four wards, 100 feet by 40, and is arranged for 150 beds. In this building there are wards for Gynaecological and Opthalmological patients, a number of private wards and laboratories for Clinical Chemistry. There is also a medical amphitheatre capable of seating 150 students and a gynaecological operating room fitted up in the most modern manner. The central part of the old building is for administration purposes.

A completely new and commodious out-door patient department has been provided on the ground floor of the Richardson wing, and there is ample accommodation for the various special departments as well as large rooms for general

medical and surgical patients.

The Pathological Department is a completely new building in which are the post-mortem theatre and rooms for microscopical and bacteriological work, and also a mortuary and chapel. In this building students are offered every opportunity of perfecting their knowledge of morbid anatomy and pathological histology.

The old Fever Wards on the grounds of the Hospital have been completely remodeled, and are now used as a laundry

and kitchen.

A much larger number of patients receive treatment in the Montreal General Hospital than in any other Canadian Hospital. Last year's report shows that between two and three thousand Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 24.02 days. Upwards of thirty-two thousand patients are annually treated in the out-door department of this Hospital.

Annual tickets entitling students to admission to the Hospital must be taken out at the commencement of the session. price \$5.00. These are obtained at the College. Perpetual tickets will be given on payment of the third annual fee.

## The Royal Victoria Hospital.\*

This Hospital is situated a short distance above the University Grounds on the side of the Mountain, and overlooks the city. It was founded in July, 1887, by the munificence of Lord Mount Stephen and Sir Donald Smith, who gave half a million dollars each for this purpose.

The buildings, which were opened for the reception of patients on the first of January, 1894, were designed by Mr. Saxon Snell of London, England, to accommodate between

250 and 300 patients.

<sup>\*</sup> Fees for this hospital are the same as those for the Montreal General Hospital.

The Hospital is composed of three main buildings connected together by stone bridges; an Administration Block in the centre and a wing on the east side for medical patients, in immediate connection with which is the Pathological wing and mortuary, and a wing on the west side for surgical patients.

The Administration block contains ample accommodation for the resident medical staff, the nursing staff and domestics. The patients' entrance, the dispensary and admission rooms are also situated in this building. To the north of the Administration block has been erected a large out-patients' department, in which are special departments for Minor Surgery, Ophthalmology, Laryngology, and Gynaecology. This wing was opened for patients during the winter of 1899-1900.

The Medical wing contains three large wards, each 123 feet long by 26 feet 6 inches wide, one ward 40 feet by 26 feet 6 inches, and fifteen private and isolation wards averaging 16 feet by 12 feet. also a medical theatre with a seating capacity for 250, and three rooms adjacent to it for clinical chemistry and other purposes. North of this wing and in direct connection with it are the Pathological laboratories and mortuary.

In this wing are situated the mortuary proper, the chapel, a post mortem room capable of accommodating 200 students, and laboratories for the microscopic and bacteriological study of morbid tissues, some designed for the use of students and others for post graduation courses and special research. Special laboratories for Pathological Chemistry, Experimental Pathology, Bacteriology and Photography are also provided.

The Surgical wing contains three large wards, each 123 feet long by 26 feet 6 inches wide, four wards each 40 feet by 32 feet, and seven private and isolation wards, averaging 16 feet by 12 feet; also a surgical theatre with a seating capacity for 250, with six rooms adjacent for preparations and after recovery purposes.

In this wing are also the wards for Gynaecology and Ophthalmology.

### XVI.

## CLINICAL INSTRUCTION.

During the Session of 1899-00, three Medical, three Surgical, two Gynaecological and two Ophthalmological clinics will be held weekly in both the Montreal General and Royal Victoria Hospitals.

In addition, tutorial instruction will be given in these different departments in the wards, out-patient rooms and laboratories. Special weekly clinics will be given in the Montreal General Hospital on Dermatology and Laryngology and in the Royal Victoria Hospital on diseases of the Genito-Urinary

system, and Laryngology.

CLINICAL CLERKS in the medical and surgical wards of both Hospitals are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted to him. Students entering on and after October, 1893, will be required to show a certificate of having acted for six months as clinical clerk in medicine and six months in surgery, and are required to have reported at least ten cases in medicine and ten in surgery. The instruction obtained as clinical clerk is found to be of the greatest possible advantage to Students, as affording a true practical training for his future professional life.

Dressers are also appointed to the Out-door Departments. For these appointments, application is to be made to the Assistant Surgeons, or to the resident surgeon in charge of the

out-patient department.

The large number of patients affected with diseases of the eye and ear, now attending the special clinics at both hospimiliar with all the ordinary affections of those organs, and to miliar with all the ordinary affections of these organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and

Surgery. Operations are performed on the eye by the Ophthalmic Surgeons after the outdoor patients have been seen, and Students are invited to attend the same, and as far as practicable to keep such cases under observation so long as they remain in the Hospital.

There are also special departments in both Hospitals for Gynaecology and Laryngology, presided over by Specialists in these branches. Students are thus enabled to acquire special technical knowledge under skilled direction. The plan of teaching practical gynaecology for the past five years with marked success has been the limitation of the number of Stu-

The Clinics at the Montreal General Hospital in Dermatology and Laryngology are very large, and afford a practical training in affections of the skin and throat rarely obtained by medical students.

A special clinic for diseases of the Genito-Urinary Organs

has been established at the Royal Victoria Hospital.

Infectious diseases and Insanity will also be taught clinically, the former in the special wards for infectious diseases and the latter at the Verdun Hospital for the Insane.

### The Montreal Maternity.

The Faculty has great pleasure in announcing that the Corporation of the Montreal Maternity has made very important additions to its building, and has in contemplation the erection of a large new building, fitted with the most modern appliances. Students will therefore have greatly increased facilities for obtaining a practical knowledge of obstetrics and diseases of infancy. An improved Tarnier-Budin phantom is provided for the use of the students, and every facility afforded for acquiring a practical knowledge of the various obstetric manipulations. The institution is under the direct supervision of the Professor of Midwifery, who devotes much time and attention to individual instruction. Students who have attended the course on obstetrics during the autumn and winter terms of the third year will be furnished with cases in rotation, which they will be required to report and attend till convalescence. Clinical midwifery has been placed upon the same basis as Clinical Medicine and Surgery, and a final Clinical examination instituted. Regular courses of clinical lectures are given throughout the session, special attention being paid to the important subject of infant feeding. The Walker-Gordon process of modifying milk is explained and demonstrated. During the autumn and winter terms the Demonstrator of Obstetrics gives Clinical Demonstrations in the wards and instruction in operative work on the phantom. Students will find it very much to their advantage to pay special attention to their Clinical work during the spring term of the third year and the following summer. One resident medical officer is appointed yearly from the graduating class to hold office for a period of six months.

Fee for twelve months, \$12, payable at the Maternity Hospital.

## CLASS LISTS.

## SIXTY-SEVENTH SESSION, 1899-1900.

The total number of Students enregistered in the Medical Faculty during the past Session was 478, of whom 457 were vnder-graduates and 21 were graduates attending post graduate and special courses.

### UNDERGRADUATES.

Of whom there were from :—  Quebec	Prince Edward Island  Manitoba and N.W.T	4 2 9 2
New Brunswick 53  Nova Scotia and Cape Breton 34  United States 32  Newfoundland 9	West Indies	

# STUDENTS ENREGISTERED IN THE FACULTY OF MEDICINE.

### FIRST YEAR.

Allan, R. H.. Montreal Que
Allum, A. W., Renfrew, Ont
Anderson, C. W., B.A., Halifax, N.S
Anderson, R. J. R., Chaudiere, Que
Andrews, J. J., St., Lambert's, Que
Auston, J. B., Brighton, Ont
Bailey, G. W., Fredericton, N.B
Billings, W. H., Hamilton, Ont
Bishop, G. A., Kinburn, Ont
Boyd, O., Russell, Ont
Bromley, J. E., Pembroke, Ont
Brooks, J. E., B.A., Eastport, Maine,
U.S.A
Brown, I. E., Edwards, N.Y., U.S.A

U.S.A Brown, I. E., Edwards, N.Y., U.S.A Bulmer, A. M., Montreal, Que Burns, A. S., B.A., Kingston Station, U.S Campbell, W. G., Brantford, Ont Cary, W. H., Montreal, Que Chamberlain, H. B., Perth, Ont Chaplin, H. L. S., St. John's, Nfid Church, H. C., Chelsea, Que Conway, C. J., Melville, Mass., U.S.A Cowperthwaite, H. H., St. Johns, Nfid Crosby, P. C., Marshfield, P.E.I
\*Crowell, B. C., Yarmouth, N.S.
Cumming, W. G., B. A., Montreal, Que Dickson, A. J., B. A., Goderich, Ont Donnelly, William H., Montreal, Que Donohoe, J. J., B. A., Worcester, Mass, U.S. A.
Doyle, F. H., B. A., Natick, Mass., U.S. A.
Eaton, F. C., Hancock, N.H., U.S. A.
Ebbett, L. P. B., Lower Gagetown, N.B.
\*Elder, R., Trout River, Que
Ells, R. H., Ottawa, Ont
English, J. M., New Westminster, B.C.
Forbes, R. D., Stratford, Ont
Freeze, E. H., Penobsquis, N.B.
\*Fripp, G. D., Ottawa, Ont
Frost, A. C., Montreal, Que
Gale, W. P., Quebec, Que
Gillis, J. H., Campbellton, N.B.
Gould, D., York Harbor, Maine, U.S.A.
Gow, R. J., Warkworth, Ont

OFFIHHEIM (I)

<sup>\*</sup> Double Course.

Gulliver, F. D., Portland, Maine, U.S.A \*Hall, O., Washington, Ont Hansen, N.C., M.A., St. John, N.B Hardisty, R. H. M., Montreal, Que Hersey, R. J., Montreal, Que Hersey, R. J., Montreal, Que Hoy, C. N., Orillia, Ont Humphrey, G. A., Montreal, Que Husband, B. K., Hamilton, Ont Hutchinson, J. W., Montreal, Que Inksetter, F. S., Dundas, Ont Kenny, R. W., Ottawa, Ont Laurie, E., B.A., Montreal, Que Lamb, W. V., St. Andrews, N.B. Lundie, J. A., B.A., Montreal, Que Lyman, W. S., Knoxville, Tenn., U.S.A Lynch, A. L., Ottawa, Ont MacCallum, J. D. G., Montreal, Que Macdonald, R. St. J., B.A., Bailey's Brook, N.S. Mackenzie, W. A., Wood Islands N., P.E.I MacMillan, T. F., Montreal, Que Macdonald, R. St. J., B.A., Bailey's Mackenzie, W. A., Wood Islands N., P.E.I MacMillan, T. F., Montreal, Que MacMillan, T. F., Montreal, Que Macdonald, R. St. J., B.A., Bailey's Brook, N.S. Mackenzie, W. A., Wood Islands N., P.E.I MacMillan, T. F., Montreal, Que MacMillan, T. F., Montreal, Que MacMillan, T. F., Montreal, Que McBonald, S., St. John, N.B. McEachern, I. W. T., Rockland, Ont McGlilis, J. D., Montreal, Que McGnath, F. C., Norway, P.E.I McGuigon, J. D., Kelly's Cross, P.E.I McInerney, D. C., Kingston, N.B. McIntosh, J. A., Vankleek Hill, Ont McLaren, D. D., Felton, Ont McLaren, D. D., Felton, Ont McLaren, D. D., Felton, Ont Maby, W. J., Cohoes, N.Y., U.S.A Mane, C. F., North Gore, Ont Mallet, H. A., Bute City, Montana, U.S.A.

MINIMARIA.

U.S.A Manion, W. T., Waterford, N.Y., U.S.A

Alexander, J. H., Westmount, Que Ames, A. C., Field, B. C
Anthony, T. B., Berwick, N.S.
Anton, D. L. S., Ireland, G.B
Amold, D. R., B.A, St. John, N.B
Bailie, S. A., B.A., Troy, N.Y., U.S.A
Belisle, J. R., Nashua, N.H., U.S.A
Bishop, L. C., Marbleton, Que
Blair A. K., Chicoutimi, Que
Blair A. K., Chicoutimi, Que
Blair A. K., Chicoutimi, Que
Blair, H. G. F., Ashton, Ont
Blakeman, F. W., Stratford, Ont
\*Boulter, J. H., Picton, Ont
Boyd, R. M., Belleville, Ont
Briggs, J. A., New Westminster, B.C
Byers, J. R., Gananoque, Ont
Campbell, J. A. E., B. A., Westmount, Q.
Cantile, F. P. L., Montreal, Que
Carter, W. Le M., B.A., Quebec, Que
Chandler, E. C., Montreal, Que
Cartonand, W. L. C., Montreal, Que
Cartonand, C., Montreal, Que
Chandler, E. C., Montreal, Que

Markson, S., Glen Robertson, Ont
Meindl, A. G., Mattawa, Ont
Montgomery, C. H., St. John, N.B.
Morris, S. C., Wallace, N.S.
Munro, A. J., Montreal, Que
Munro, J. H., Maxville, Ont
Munroe, H. E., St. Elmo, Ont
\*Murphy, H. H., Antrim. Ont
Murray, J. S., St. John, N.B
Nathan, D., Montreal, Que
Nelson, J. S., City View, Ont
Nelson, J. S., City View, Ont
Nelson, W. E., Montreal, Que
O'Brien, C. W., B.A., Noel, N.S
Oliver, C. J., Mansonville, Que
foliver, C. J., Mansonville, Que
foliver, J. A., Winnipeg, Man
O'Neill, J. M., Messina, N.Y., U.S. A
Park, A. W., Durham, Ont
Parris, N. D., Barbadoes, W.I
Patch, F. S., B.A. Montreal, Que
Peterson, G. R., Toy's Hill, Ont
Price, J., Campbellton, N.B.
Puddington, B. A., St. John, N.B.
Quain, B. P., Moira, N.Y., U.S. A
Rehfuss, W. N., Bridgewater, N.S
Ross, T. M., Lancaster, Ont
Rousseau, J. A., B.A., Three Rivers, Que
Saunders, T. H., Webster, Mass., U.S. A
Secord, W. H., Brantford, Ont
Siefert, F. W., Quebec City, Que
Shillington, R. N. W., Ottawa, Ont
Sibald, J. P. M., Sutton West, Ont
Siack, M. R., Farnham, Que
Smith, C. M., Red Mountain, Que
Steeves, E. O., Upper Sackville, N.B
Sweeney, J. L., B. A., Dover, N.H., U.S. A
Taggart, E. A., Ottawa, Ont
Teitelbaum, T. A., Montreal, Que
Thomas, S. B., Bridgetown, Barbadoes,
W.I.
Truax, W., Farnham, Que
Turner, G. H., B. A., Baie Verfe, N.R

W.I.
Truax, W., Farnham, Que
Turner, G. H., B.A., Baie Verte, N.B.
White, P. G., Woodstock, Ont
Wilson, A., Russell, Ont
Wilson, C. E., Napanee, Ont
Wiod, C. D., Montreal, Que
Winder, J. B., B.A., Compton, Que
\*Wotherspoon, H., Montreal, Que

### SECOND YEAR.

Christie, F. J., Martintown, Ont Codrington, R. F., Montreal, Que Colby, J. C., B.A., Stanstead, Que Coleman, C. E., Chatham, N.B. Cox, R. B., Collinsville, Conn., U.S.A. Cullen, W. H., Montreal, Que Curren, L. M., Johnston, N.B. Delaney, M., Magdalen Islands Dickson W. H., Pembroke, Ont \*Dixon, J. D., Montreal, Que Dorion, W. A., Waterloo, Que Dorion, W. A., Waterloo, Que Douglas, F. C., Montreal, Que Douglas, F. C., Montreal, Que Doyle, A. J., Jacquet River, N.B. Eastman, E. B., Portsmouth, N.H., U.S.A. Evans, S., Ottawa, Ont Fairie, J. A., Montreal, Que Fearn, C. J., St. John's, Nfid Ferguson, W. H., St. Thomas, Ont Folkins, H. G., Millstream, N.B.

<sup>\*</sup> Double Course. † Partial.

Ford, W. S., Belleville, Ont
Forster, J. F. C., Dorchester, N.B
Fuller, H. T., Halifax, N.S
Gardiner, R. J., Smith's Falls, Ont
Gardner, W. A., B. A., Huntingdon, Que
Giles, G. N., Madera, Cala, U.S.A
Gilmour, C. R., Brockville, Ont
Grant, W. W., Montreal, Que
Green, F. W., Pictou, N.S
Gurd R. D., Sarnia, Ont
Halliday, J. Le, R., Sawyerville, Que
Harris, L. C., Moneton, N.B
Henry, C. M., Palmer, S. Dakota, U.S.A
Hollingsworth, J. E., Meekling, S. Dakota, U.S. A
Hollingsworth, J. E., Meekling, S. Dakota, U.S. A
Hopkins, C. W., Aroostook Junc., N.B
Horsfall, F. L., Montreal, Que
Hyatt, E. A., B.Sc., Spragueville, N.Y.,
U.S.A.
Irwin, F., Shelburne, N.S
Johnson, G. R., B.A., Lachine, Que
Jones, N. C., Gananoque, Ont
Leney, J. M., B.A., Montreal, Que
Lidstone, A. E., Richmond West, Ont
Lynch, J. B., Fredericton, N.B
Macdonald, A. A., St. Andrews, P.E.I
Mackinnon, G. E. L., Alexandria, Ont
MacLaren, A. H., B.A., Huntingdon, Que
MacNaughton, J. A., Salisbury, N.B.
McDonald, P. A., B.A., Donthee Centre,
Que

\*McEwen, J. R., Dewittville, Que
McGibbon, D., Arkona, Ont
McGibbon, S., Arkona, Ont
McGrath, R. H., Dorchester, N.B
McKee, W. E., Coatioooke, Que
McKenzie, J. B., B.A., Canpbellton, N.B
Martin, H. E., Chatham, Ont
Mason, E. G., Westmount, Que
Mason, F. C., Plattsburg, N.Y., U.S.A.

Mason, L. D., B.A., Montreal, Que
Menzies, J. E., New Bedford, Mass
\*Mitchell, I, E., Sherbrooke, Que
Moffatt, G., Inkerman, Ont
Moore, P. T., B.A., Montreal, Que
Morin, E. J., Springfield, Mass., U.S.A
Morrison, J. F., Copleston, Ont
Moore, G. R., Melvern Sqr., N.S
Morse, W. R., B.A., Lawrencetown, N.S
Mothersill, G. S., Ottawa, Ont
Ness, W., Howick, Que
Netten, P. E., Port de Grave, Nfld
O'Reilly, E. P., B.A., Hamilton, O
Palmer, G. H., Dorchester, N.B
Paterson, R. C., B.A., Montreal, Que
Pavey, H. L., London, Ont
Peters, O. R. Gagetown, N.B
Pickard, L. N., Charlottetown, P. E.I
Pilot, F. W. H., St. John's, Nfld
Pratt, C. M., St. John's, Nfld
Pratt, C. M., St. John's, Nfl
Ramsay, W. A., Westmount, Que
Rawlings, W. T., Montreal, Que
\*Ritchie, C. F., Montreal, Que
\*Ritchie, C. F., Montreal, Que
Saunders, W. E., Woodstock, N.B
Scott, W., Montreal, Que
Saunders, W. E., Woodstock, N.B
Scott, W., Montreal, Que
Saunders, W. E., Woodstock, N.B
Scott, W., Montreal, Que
Smith, T. W., Hawkesbury, Ont
Snetsinger, H. W., Moulinette, Ont
Stockwell, H. K., Danville, Que
\*Strong, N. W., Cambria, Ont
Stowell, F. E., Worcester, Mass., U.S.A
Thomas, J. W., B.A., Montreal, Que
Townsley, R. H., Westmount, Que
Tracy E. A., B.A., Island Pond, Vermont
U.S.A.
Van Wart, R. McL., B.A., Fredericton,
N.B.
\*Walker, H., jr., New York, U.S.A.
Warren, J. G., Montreal, Que
Williams, R. G., Meaford, Ont

SERVICE CONTRACTOR

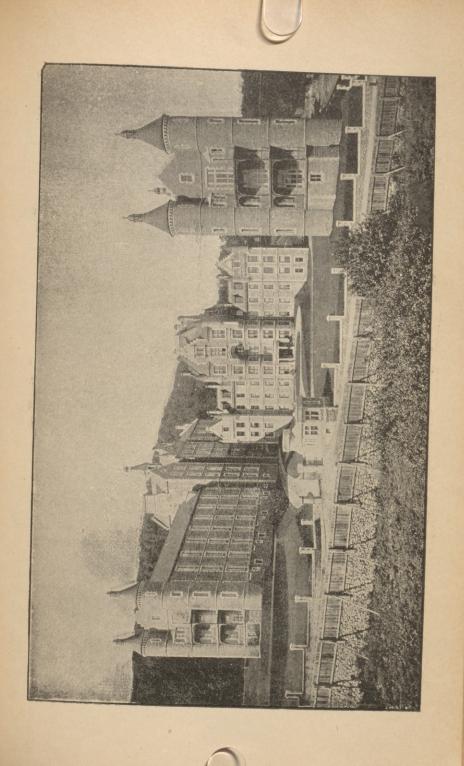
### THIRD YEAR.

Bayfield, T. F., Charlottetown, P.E.I
Beatty H. W., Sarnia, Ont
Belanger, E. R., Ottawa, Ont
Blake, J. J., Charlottetown, P.E.I
Boire, W. E., Manchester, N.H., U.S.A
Borden, H. L., B.A., Canning, N.S.
Browne, J. G., B.A., Montreal, Que
Bruce, Jas., B.A., Montteal, Que
Burlows, A. E., Montreal, Que
Butler, P. E., B.A., Milltown, N.B
Callbeck, A. DeB., Tryon, P.E.I
Campbell, R. P., B.A., Montreal, Que
Carlyle, D. A., Morewood, Ont
Collison, H. McN., Dixon's Corners, Ont
Collison, J., Dixon's Corners, Ont
Coristine, W. H., Montreal, Que
Crang, F. W., Toronto, Ont
Currie, W. D., Halifax, N.S
Dalton, C. H., Tignish, P.E.I
Donovan, J. B., Lewiston, Maine, U.S.A
Dutcan, J. W., Montreal, Que
Egan, W. J., Sydney Mines, N.S

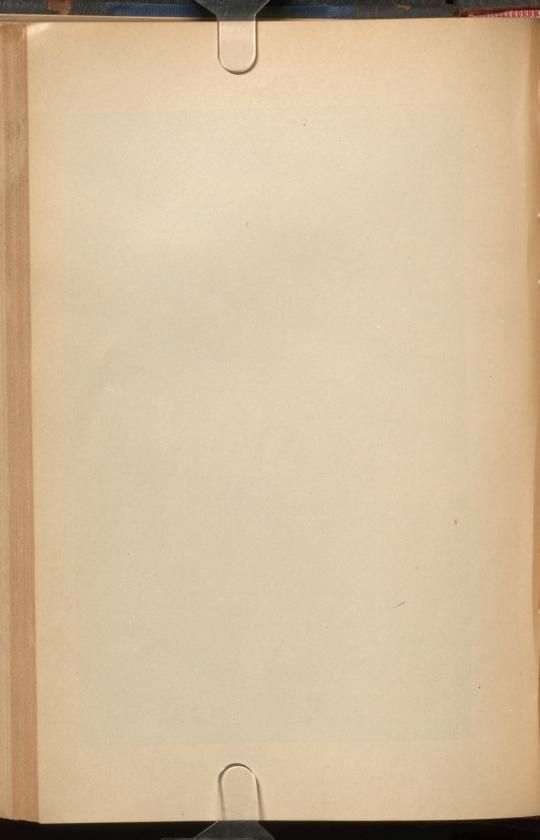
Ellis, R. L., Youghall, N.B
Featherston, H. C., Hamilton, Ont
Fleming, J. E., Rustico, P.E.I
Fuller, A. T., B.A., Fruro, N.S
Gardner, R. L., B.A., Brockville, Ont
George, J. D., Redwood, N.Y., U.S.A
Goodall, J. R., B.A., Ottawa, Ont
Harley, R. J. O., Dublin, Ireland
Hope, J. T., Glen Robertson, Ont
Howard, A. C. P., B.A., Montreal, Que
Hughes, R. E., Rustico, P.E.I
Hunter, E. N. McL., Merrimac, Mass.,
U.S. A
Jackson, G. F., Brockville, Ont
Johnston, J. L., Fournier, Ont
Johnston, J. L., Fournier, Ont
Jones, J. H., Brockville, Ont
Jones, Sydney, B.A., Cleveland, Ohio,
U.S.A.

U.S.A Kendall, A. L., Vancouver, B.C Ker, R. H., B.A., Montreal, Que Lawlor, F. E., Dartmouth, N.S

<sup>\*</sup> Double Course.



All American



Learmonth, G. E., Montreal, Que
Leggett, T. H., Ottawa, Ont
Littig, J. V., Davenport, Iowa, U.S.A
Little, H. M., B.A., London, Ont
Lomas, A. J., Montreal, Que
Lunney, T. H., St. John, N.B
MacCarthy, F. H., Ottawa, Ont
MacKay, D. S., Reserve Mines, N.S
MacKay, M., B.A., Montreal, Que
MacKeuzie, S. D., Sarnia, Ont
MacNeill, J. W., Kensington, P.E.I
McDonald, C. A., Milltown, N.B
McDonald, F. E., Qu'Appelle, N.W.T
Martin, E. A., Kemptville, Ont
Martin, J. J., North Bay. Ont
May, L. W., Ottawa, Ont
Miller, G. H. S., Alexandria, Ont
Miller, G. H. S., Alexandria, Ont
Miller, S., South Durham, Que
Morgan, A. D., Nanaimo, B.C
Moses, H. C., Caledonia, Ont
Mullaly, E. J., Souris, P.E.I
Newcombe, W. E., Vancouver, B.C
Niven, J. K., London, Ont
Penner E., B.A., Gretna, Man
Redon, L. H., B.A., Victoria, B.C
Richards, B.A., Yarmouth, N.S
Roberts, J., Woodburn, Ont.
Roberts, F. A., Waterloo, Maine, U.S.A
Roberts, J., Woodburn, Ont.

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Robertson, L. F., B.A., Stratford, Ont Robertson, R. D., St. John, N.B Robidoux, E. L. B.A., Shediac, N.B Rogers, H. B., Victoria, B.C Russel, C. K., B.A., Montreal, Que Russel, E. M., B.A., Springfield, Mass., U.S.A Rutherford, C. A., Waddington, N.Y Ryan, W. T., B.A., Melville, N.B Sanders, C. W., Kemptville, Ont Scriver, E. F., Hamilton, Ont Shearer, R. L., Kelso P. O., Que Shearer, R. L., Kelso P. O., Que Shearer, R. L., Kelso P. O., Que Simpson, S., Bay View, P.E.I Stentaford, G. L., Heart's Content, Nfld Stevenson, J., B.A., Montreal, Que Stewart, C. A., Dunvegan, Ont Stewart, C. J., Russell, Ont Tanner, C. A. H., Windsor Mills, Que Taylor, D. A., Havelock, N.B Taylor, W. L., Waterloo, Que Ward, J. A., Lewiston, Maine, U.S.A White, E. H., B. A., Montreal, Que Wiggins, W. I., Lowell, Mass, U.S.A Wiley, B. E., Fredericton, N.B Wilkins, F. F., Montreal, Que Williams, W., Remsen, N.Y., U.S.A Wilson, J. J., Montreal, Que Wilson, J. J., Montreal, Que Winter, D. E., Montreal, Que Winter, D. E., Montreal, Que Winter, D. E., Montreal, Que Wyman, H. B., B.A., Chute a Blondeau, Ont

### FOURTH YEAR.

Akeriey, A. W. K., Fredericton, N.B. Armstrong, J. W., B.A., Bristol, Que Baird, J. A., Brucefield, Out Ballandyne, C. T., Ottawa East, Ont Beadie, W. D., Lachine Locks, Que Bishop, T. E., Harvey Bank, N.B. Bradley, J. H., Charlottetown, P.E.I. Bramen, J. P., Montreal, Que Brown, E. L., Chesterville, Ont Buffett, C., B.A., Grand Bank, Nfld Gurnett, P., Montreal, Que Carnwath, J. E. M., Riverside, N.B. Cartwright, C., Kingston, Ont Charlton, G. A., St George, Ont Chisholm, A. J., New Glasgow, N.S. Clemeshea, W. F., Port Hope, Ont Coates, H. W., Bass River, N.B. Coffin, J. D., Charlottetown, P.E. I. Conroy, R. J., Peterboro, Ont Cook, C. R., Montreal, Que Cowperthwaite, W. M., St John's, Nfld Cox, J. R., Hull, Que Cowperthwaite, W. M., St John's, Nfld Cox, J. R., Hull, Que Crozier, J.A., B.A., Ashburn, Ont Cuzner, G., Ottawa, Ont Donaddson, A. S., Brockville, Ont Donnelly, A. J., B.A., Sturgeon, P.E. I. Doull, A. E., Dutch Village, Halifax, N.S. Preeman, C. H., B.A., Milton, N.S. Freeman, C. H., B.A., Montreal, Que Gibson, E. J., Campbellford, Ont Gilday, A. L. C., B. A., Montreal, Que Gray, H. R. D., B.A., Montreal, Que Hall, A. R., Washington, Ont Harvie, S. K., B.A., Newport, N.S. Haszard, C. F. L., Charlottetown, P.E.I.

Henry, C. K. P., Ottawa, Ont
Hiebert, G., Gretna, Man
Hill. W. H. P., Montreal, Que
Jardine, J., Freetown, P.E.I
Jones, H. A., B.A., Moncton, N.B
Kannary, E. LeR., B.A., Northfield,
Minn, U.S.A
Keating, B. H., Montreal, Que
MacKinnon, I. W., Charlottetown, P.E.I
Macpherson, C., St Johns, Nfid
McAuley, A. G., Ventnor, Ont
McConnell, R. E., B.A., Montreal, Que
McDonald, W. F., Westville, N.S
McDougall, A., Seaforth, Ont
McConnell, R. E., B.A., Montreal, Que
McMediarnid, W. B., Maxville Ont
McDonald, W. F., Westville, N.S
McDougall, A., Seaforth, Ont
McKee, S. H., B.A., Fredericton, N.B
McSorley, H. S., Montreal, Que
Martin, L. W., Warden, Que
Martin, L. W., Warden, Que
Morrison, A. S., Montreal, Que
Morrison, A. S., Montreal, Que
Morrison G. D., Vankleek Hill, Ont
Morrow, J. J., Fergus, Ont
Moss, J. U., Montreal, Que
Murray, L. M., Truro, N.S
Mussen, A. T., Lachine, Que
O'Sullivan, M. T., Glace Bay, C.B
Paintin, A. C., Mansonville, Que
Paterson, A., B.A., Montreal, Que
Paterson,

Richard, F. A., B.A., Richibucto, N.B. Robb, G. W. A., Oxford, N.S. Ross, H., B.A., Montreal, Que Rowley, W. E., B.A., Marysville, N.B. Rutherfurd, A. E., Montreal, Que Sayre, T. D., Amherst, N.S. Secord, E. R., Brantford, Ont Shaughnessy, C. R., St Stephen, N.B. Snyder, A. E. W., Coaticooke, Que

Stevenson, R. H., Danville, Que Symmes, C. R., Aylmer, Que Todd, J. L., B.A., Victoria, B.C Turnbull, J. A., Bear River, N.S Turner, W. G., Quebec City, Que Townshend, C., Parrsboro, N.S Wilson, W. A., Carleton Place, Ont Wood, D. F., Faribault, Minn., U.S.A Wood, J. H. M., Montreal, Que DOESHIER HILL

# MATRICULATION EXAMINATION PAPERS.

JUNE, 1900.

## COMPULSORY SUBJECTS.

### I. LATIN COMPOSITION.

WEDNESDAY, JUNE 13TH: -- 9 TO 10 A.M.

- 1. If you wish anything, return on the Ides of April.
- 2. Sometimes the gods grant us prosperity that we may suffer more keenly from a change.
  - 3. At daybreak; late in the day; on that day; at the usual interval.
- 4. He ordered (iubeo) them to furnish a supply of grain. He ordered (impero) them to rebuild their town.
  - 5. Can you not judge from this how much advantage firmness has?
  - 6. He persuades the senate to call him friend.
- 7. They are afraid that, if all Gaul is subdued, the army of the Roman people will winter among the Germans.
  - 8. For many years he did not go to Rome.
  - 9. A fierce battle was fought at Cannae.
  - 10. If they are spared, good men will be harmed.

### LATIN GRAMMAR AND TRANSLATION AT SIGHT.

WEDNESDAY, JUNE 13TH:-10 TO 11.30 A.M.

### A.-LATIN GRAMMAR.

- 1. Decline miles, domus, vis, equus acer, ambae manus, hic dux.
- 2. Give the Comparative and Superlative of similis, tenax, miser, dexter, senex.
- 3. Write down the perf. subjunctive of sum, the future indicative of pol liceor, the imperatives of fugio, and the present indicative of malo.
- 4. Give the principal parts of scribo, tango, sterno, veto, vinco, vincio, solvo, sero (sow).

- 5. Form adverbs from the following adjectives: asper, falsus, brevis primus. Compare saepe, male, post.
- 6. Enumerate the prepositions which govern the Ablative, Name three inseparable prepositions and illustrate.
- 7. Give the Latin for:—In the year nineteen hundred; 30th April; the son of Priam (one word).
- 8. When is the conjunction cum followed by the subjunctive? Give examples.
- B.—TRANSLATION AT SIGHT.

  1. Si vales, bene est. Constitueramus, ut ad te antea scripseram, obviam Ciceronem Caesari mittere; sed mutavimus consilium, quia de illius adventu nibil audiebamus. De ceteris rebus, etsi nibil erat novi, tamen quid velimus et quid hoc tempore putemus opus esse ex Sicca poteris cognoscere. Tulliam adhuc mecum teneo. Valetudinem tuam cura diligenter. Vale.
- 2 Damon et Phintias tam fidelem inter se amicitiam iunxerunt, ut, cum alterum ex his Dionysius Syracusanus interficere vellet, atque is tempus ab eo, quo, priusquam periret, domum profectus res suas ordinaret, impetravisset, alter vadem (bail, security) se pro reditu eius tyranno dare non dubitavit. Igitur omnes et in primis Dionysius novae atque ancipitis reiexitum speculabantur (watched). Approinquante deinde definita die neque illo redeunte, dum unusquisque stultitiae tam temerarium sponsorem damnat, is nihil de amici constantia se metuere praedicabat. Cum autem ad diem alter se recepisset, admiratus amborum animum tyrannus petivit ut se ad amicitiam tertium ascriberent.

### CAESAR AND VIRGIL.

WEDNESDAY, JUNE 13TH :- 11.30 TO 1 P.M.

Note.—Candidates for Matriculation may substitute (B) for (A), and (D) for (C).

### (A)

(a) Ariovistus ad postulata Caesaris pauca respondit, de suis virtutibus multa praedicavit: Non sese Gallis sed Gallos sibi bellum intulisse; omnes Galliae civitates ad se oppugnandum venisse ac contra se castra habuisse: eas omnes copias a se uno proelio pulsas ac superatas esse. Amicitiam populi Romani sibi ornamento et praesidio non detrimento esse oportere, idque se ea spe petisse. Si per populum Romanum stipendium remittatur, non minus libenter sese recusaturum populi Romani amicitiam quam appetierit.

Se prius in Galliam venisse quam populum Romanum. Numquam ante hoc tempus exercitum populi Romani Galliae provinciae fines egressum. Quid sibi vellet cur in suas possessiones veniret? Ut ipsi concedi non oporteret, si in nostros fines impetum faceret, sicitem nos esse iniquos quod in suo iure se interpellaremus.

CAESAR, BK. I.

(b) Loci natura erat hace, quem locum nostri castris delegerant. Collisab summo aequaliter declivis ad flumen Sabim, quod supra nominavimus, vergebat. Ab eo flumine pari adclivitate collis nascebatur adversus huic et contrarius passus circiter ducentos, infimus apertus, ab superiore partesilvestris ut non facile introrsus perspici posset. Intra eas silvas hostes in occulto sese continebant: in aperto loco secundum flumen paucae stationes equitum videbantur. Fluminis erat altitudo pedum circiter trium.

CAESAR, BK. II.

(B)

Hac victoria sublatus Ambiorix statim cum equitatu in Aduatucos, qui erant eius regno finitimi, proficiscitur; neque noctem neque diem intermititi, peditatumque sequi iubet. Rc demonstrata Aduatucisque concitatis postero die in Nervios pervenit hortaturque ne sui in perpetuum liberandi atque ulciscendi Romanos pro his quas acceperint iniuriis occasionem dimittant: interfectos esse legatos duos magnamque partem exercitus interisse demonstrat; nihil esse negotii subito oppressam legionem quae cum Cicerone hiemet interfici; se ad eam rem profitetur adiutorem. Facile hac oratione Nerviis persuadet.

Labienus, cum et loci natura et manu munitissimis castris sese teneret, de suo ac legionis periculo nihil timebat: ne quam occasionem rei bene gerendae dimitteret cogitabat. Itaque a Cingetorige atque eius propinquis oratione Induciomari cognita quam in concilio habuerat, nuncios mittit ad finitimas civitates equitesque undique evocat: his certum diem conveniendi dicit. Interim prope quotidic cum omni equitatu Induciomarus sub castris eius vagabatur, alias ut situm castrorum cognosceret, alias colloquendi aut territandi causa: equites plerumque omnes tela intra vallum coniciebant. Labienus suos intra munitionem continebat timorisque opinionem quibuscumque poterat rebus augebat.

CAESAR, Bk. V.

Give the grammatical construction of words printed in italics.

(C)

Ac primum silici scintillam excudit Achates, Suscepitque ignem foliis, atque arida circum Nutrimenta dedit, rapuitque in fomite flammam. Tum Cererem corruptam undis Cerealiaque arma Expediunt, fessi rerum; frugesque receptas Et torrere parant flammis et frangere saxo.

Cum venit, aulaeis iam se regina superbis
Aurea composuit sponda, mediamque locavit:
Iam pater Aeneas, et iam Troiana iuventus
Conveniunt, stratoque super discumbitur ostro.
Dant famuli manibus lymphas, Cereremque canistris
Expediunt, tonsisque ferunt mantelia villis.
Quinquaginta intus famulae, quibus ordine longo
Cura penum struere, et flammis adolere penates.

VIRGIL, BK. I.

- 2. Explain the grammatical construction of words printed in italies.
- 3. Scan the first three lines of the first extract from Virgil.

(D)

At domus interior gemitu miseroque tumultu miscetur; penitusque cavae plangoribus aedes femineis ululant; ferit aurea sidera clamor.
Tum pavidae tectis matres ingentibus errant, amplexaeque tenent postes, atque oscula figunt.
Instat vi patria Pyrrhus; nec claustra, neque ipsi custodes sufferre valent. Labat ariete crebro ianua, et emoti procumbunt cardine postes.
Fit via vi: rumpunt aditus, primosque trucidant immissi Danai, et late loca milite complent.
Non sic, aggeribus rutis cum spumeus amnis exiit, oppositasque evicit gurgite moles, fertur in arva furens cumulo, camposque per omnis cum stabulis armenta trahit.—Virgil, Aen. II.

(a) Give the principal parts of: -miscetur, ferit, figunt, rumpunt, trahit.

(b) Account for the case of tectis, vi, aggeribus, cumulo.

### MATHEMATICS.

### ARITHMETIC.

Tuesday, June 12th:-Morning, 9 to 10.30.

Answer] two questions from each division. All work must be shown; results alone will not be valued.

### SECTION 1.

1. If the population of Canada be six millions, and the increase by birth and immigration be 1 in 15 per annum, while the loss by death and emigration is 1 in 25 per annum; find the population five years hence.

2. The polar diameter of the earth is 41707796 feet, express this

in miles, furlongs, etc.

Find the number of miles in the equatorial radius having given that it is the least number divisible by 2, 3, 4, 5, 6, 8, 9, 10, 11 and 12.

3. A room is 14 ft. 3 in. high, 20 ft. wide and 24 ft. long. There are 4 doors each 8 ft. by 5 ft. 3 in., 2 windows each 10 ft. by 6 ft., a fireplace 6 ft. 6 in. by 6 ft.; find the cost of papering the room with paper 2 ft. 6 in. wide at 20 cents per yard.

### SECTION 2.

- 4. If iron weighs 7.8 times as much as water, find the weight of a plate of iron 8.4 meters long, 1.6 meters wide and 2.5 centimeters thick? Give the weight in kilograms and in tons.
- 5. How long will it take to walk round a square field containing 100 acres 416 yards at the rate of 4 miles an hour.
- 6. The second-class railway fare from Paristo Rennes, a distance of 370 kilometres, is 24 francs. If one franc be worth 19½ cents, compare this rate with the Canadian second-class rate of 2 cents a mile.

### SECTION 3.

- 7. Find the interest on \$6,200 from 1st of July to the 17th of November of the same year at 6 per cent. per annum. Find also the true discount on \$1,626 due 2 years 7 months hence at 5 per cent. per annum simple interest.
- 8. A person invests \$12,000 in 3 per cent. stock at 75, and when it rises to 78 sells out and invests the proceeds in 8 per cent. stock at 208. Show that his income is not altered.
- 9. I send to my agent in Halifax \$6,120 to invest in apples at \$1.50 per barrel, he deducts his commission of 2 per cent. and invests the balance. At what must I sell per barrel to make a clear profit of 20 per cent., after paying insurance at 1 per cent. and \$80 freight on the shipment?

### ALGEBRA.

Monday, June 11th :- Afternoon, 2 to 3.30.

1. Reduce to the simplest form:

(a) 
$$\frac{x^2 - y^2}{x^2 - 3xy + 2y^2} \times \frac{xy - 2y^2}{x^2 + xy} \times \frac{x^2 - xy}{x - y)^2}$$

(b) 
$$\frac{3 + \sqrt{6}}{5\sqrt{3} + \sqrt{50} - 2\sqrt{12} - \sqrt{32}}$$

- 2. Find the square of  $x^{\frac{3}{2}} 2xy^{-\frac{1}{2}} + \frac{1}{2}y^{\frac{1}{2}}$ , and extract the square root of  $9a^2 + 4b^2 + 16c^2 12$  ab + 24 ac 16 bc.
  - 3. Solve

(a) 
$$\frac{x-7}{x+7} = \frac{2x-15}{2x-6} - \frac{1}{2(x+7)}$$

(b) 
$$\sqrt{9+2x} - \sqrt{2x} = \frac{5}{\sqrt{9+2x}}$$

- 4. The middle digit of a number between 100 and 1,000 is zero, and the sum of the other digits is 10. If the digits be reversed, the number so formed exceeds the original number by 198. Find the number.
  - 5. Solve

(a) 
$$\frac{x}{2} - 1 = \frac{y}{6} + 1 = \frac{z}{7} + 2$$
, and  $\frac{y}{3} + \frac{z}{2}$  13.

(b 
$$x^2 - \frac{4}{5} x$$
 21.

6. A lawn, 50 feet long by 24 feet wide, is surrounded by a path of uniform width. If the area of the path be equal to that of the lawn, find its width.

### GEOMETRY.

TUESDAY, JUNE 12-AFTERNOON, 2 TO 4.

- 1. Define clearly:—quadrilateral, trapezium, parallelogram, rhombus, rectangle, square.
  - 2. The three angles of a triangle are equal to two right angles.
- (a) The interior angles of any rectilinear figure together with four right angles are equal to twice as many right angles as the figure has sides.
- 3. The square upon the hypotenense of a right angled triangle is equal to the sum of the squares upon the sides.
- (a) Show how to find the side of a square whose area is three times that of a given square.
- 4. If a straight line be bisected and also divided unequally, the rectangle contained by the unequal segments together with the square upon the line between the points of section is equal to the square upon half the line.

State the corresponding proposition when the line is divided externally.

5. To draw a tangent to a circle.

- (a) Find the locus of the centres of all circles which touch a given straight line at a given point.
  - 6. If two chords of a circle cut one another, the rectangle contained

by the segments of the one shall be equal to the rectangle contained by the segments of the other.

If through E a point without a circle, two secants EAB and ECD are drawn: shew that the rectangle EA, EB is equal to the rectangle EC, ED.

7. Prove that the lines drawn from the angles of a triangle to the middle points of the opposite sides meet in one point.

### ENGLISH GRAMMAR.

MONDAY, JUNE 11TH, 1900: - MORNING, 9 TO 10.30

(N.B.—Not more than two questions in each section to be answered B 6 is compulsory.)

#### A.

1. Distinguish between Common and Singular Nouns and Concrete and Abstract Nouns. Give examples.

How is Gender in English marked by Inflexion?

Give the plural of man-of-war, man-servant, Mussulman, Miss Masterman.

2. In what ways are Pronouns used? Give examples.

Shew by means of sentences the differences in the use of who or which and that as Relative Pronouns.

3. Correct where necessary, giving your reasons :-

Wanted a boy to open oysters with a reference.

Try and do this.

You talk quicker than her.

Each of them were ready to go.

I will be drowned; nobody shall help me.

### B.

4. Define Voice, Number, Infinitive Mood.

Give the 1st Person Singular, Past Indicative and the Passive Participle of:—

cleave, drink, gild, mean, swell, wake.

5. Define and illustrate by short sentences:-

Retained Object, Subjective Genitive, Adjectival Clause, Verb of Incomplete Predication, Reported Speech.

6. Parse the words in italics in the following sentences:-

The then rector heard him say he was none the worse for his-ducking.

Few people care for carrying burdens.

C.

7. How do you classify Adverbs? Give examples.

By what method can Subordinating Conjunctions be distinguished from Adverbs?

- 8. Analyse:-
  - (a) Then when he saw it could hold no more,

Bishop Hatto he made fast the door.

(b) Whether he went to the war or not I know not.

### BRITISH AND CANADIAN HISTORY.

TUESDAY, JUNE 12TH: - MORNING, 10.30 TO 12.

A. BRITISH HISTORY.

# (Candidates will answer any three parts of the first three questions and question four.)

- 1. (a) Describe the great deeds of King Alfred;
  - (b) the policy of Henry II towards Ireland;
  - (c) the origin and nature of the Lollard movement;
  - (d) the part of Edward IV. in the Wars of the Roses;
  - (e) the attempts to overthrow Henry VII.
- 2. What possessions did the English crown secure by
  - (a) the marriage of Henry II;
  - (b) the Treaty of Bretigny;
  - (c) the Treaty of Troyes;
  - (d) the Peace of Utrecht;
  - (e) the Treaty of Paris, 1763?
- 3. Explain the circumstances of:
  - (a) Babington's Conspiracy;
  - (b) Hampden's refusal to pay Ship Money;
  - (c) the Sacheverell Trial;
  - (d) the passing of the Stamp Act;
  - (e) the Battle of the Baltic.

### 4. Assign dates to:

- (a) the Union of England and Scotland;
- (b) England's recognition of American independence;
- (c) the beginning of the Peninsular War;
- (d) Catholic Emancipation;
- (e) the Indian Mutiny.

### ENGLISH COMPOSITION

Monday, June 11TH: -Morning, 11 to 12. COMPOSITION.

Write an essay of not less than one page on any one of the following subjects:

Popularity. Gardening.

The part of Canada in the Anglo-Boer war.

### ENGLISH DICTATION.

Monday, June 11th, 1900 :- Morning, 10.30 to 11 A.M.

[Note for the Deputy Examiner.—The Deputy Examiner will read the extract three times, the candidates writing it out during the second reading. The first and third readings are respectively intended to give the candidates a general idea of the character of the passage, and to guide them in punctuating. As it is of great importance that candidates should not be left in a state of uncertainty, the Deputy Examiner will repeat, on request, any word or phrase. The Deputy Examiner will also inform the candidates that obvious attempts to make letters do double duty (e. g. to make a letter serve for e or i) will be regarded as mistakes. Full stops and semi-colons are to be indicated by the Deputy Examiner.]

As soon as we are old enough to get the range of three or four generations well in hand, and to take in large family histories, we never see an individual in a face of any stock we know, but a mosaic copy of a pattern, with fragmentary tints from this and that ancestor. The analysis of a face into its ancestral elements requires that it should be examined in the very earliest infancy, before it has lost that ancient and solemn look it brings with it out of the past eternity; and again in that brief space when Life, the mighty sculptor, has done his work, and Death, his silent servant, lifts the veil and lets us look at the marble lines he has wrought so faithfully; and lastly, while a painter who can seize all the traits of a countenance is building it up, feature after feature, from the slight outline to the finished portrait.

### ENGLISH LITERATURE.

THURSDAY, JUNE 14:-MORNING, 9 TO 10.30.

Candidates for Matriculation only, will answer Two groups, namely, A or B; C.]

### A.-Scott.

- 1. Explain the use and describe the passage of the Fiery Cross
- 2. Make notes on the following words:—Glaive, targe, bourne, mewed, jennet, beaker, Morrice-dancer, clarion, linn, worth (in woe worth the day).
  - 3. Refer the following to their proper places in the poem:
    - (a) In vain the learning of the age
      Unclasped the sable-lettered page.
    - (b) Forgive, be generous, and depart.
    - (c) King James shall mark
      If age has tamed these sinews stark.
    - (d) 'Twere worth ten years of peaceful life, One glance at their array;
    - (e) I wish I were as I have been Hunting the hart in forest green.

### B.—TENNYSON.

- 1. Give in your own words an outline of "A Dream of Fair Women" or "The Morte D'Arthur."
- 2. Make an outline sketch of "The Revenge," stating clearly the historic ground work of the story.
- 3. State in what poem ach of the following occurs, and give some idea of the context:
  - (a) And at their feet the crocus brake like fire.
  - (b) And they crossed themselves for fear.
  - (c) Let us swear an oath and keep it with an equal mind.
  - (d) A gentle sound, an awful light!
  - (e) And let the mournful, martial music blow.

### C.—SHAKESPERE.

- 1. Give in your own words, with occasional quotations, the substance of Act II., sc. 1 Rich. II. (the death of Gaunt, etc.)
- 2. By whom and in what circumstances were the following lines spoken?

- (a) Rouse up thy youthful blood, be valiant and live.
- (b) A brittle glory shineth in this face.
- (c) Ten thousand bloody crowns of mothers' sons Shall ill become the flower of England's face.
- (d) But Heaven hath a hand in these events

  To whose high will we bound our calm contents.
- (e) Thy overflow of good converts to bad.
- Make short explanatory notes on:
   Mowbray's waxen coalt, pelting farm, rug-headed kerns, glistering Phaethon, Jack o' the clock.

### D .- STOPFORD BROOKE.

- 1. Write a paragraph on each of the following: Cynewulf, Lydgate, Marlowe and Chatterton.
- 2. Write what you know of the life and works of Milton.
- 3. Characterize briefly the poetry of Byron, of Shelley and of Coleridge, illustrating your remarks by reference to particular poems.

## OPTIONAL SUBJECTS.

### CHEMISTRY.

WEDNESDAY, JUNE 13th:—Afternoon, 2 to 3.30.

Answer two questions from each group.

- 1. How can nitrogen be obtained from the air by the use (a) of phosphorus and (b) of copper?
- 2. What are the most common sources of impurity in natural waters? How may pure water be prepared? Give a sketch of the apparatus that you would employ.
- 3. What do you understand by a symbol, a formula, a chemical equation? Give two examples of each.

#### 11.

- 1. How is nitric acid obtained from saltpetre? Give the equation. What are the properties of the acid?
- 2. Explain the use of the terminations ic and ous and the prefixes hypo and per in naming acids.
- 3. Compare chlorine, bromine, and iodine, stating their points of resemblance and difference.

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### III.

- 1. What takes place when a mixture of charcoal and copper oxide is heated? Give the formula and properties of the gas produced.
- 2. How is hydrogen sulphide prepared? What are its properties? Explain its use in chemical analysis.
- 3. What theory has been suggested to explain the laws of definite and multiple proportions? Show how the theory accounts for the facts.

### GREEK.

### XENOPHON, ANABASIS BOOK I.

FRIDAY, JUNE 15TH :- MORNING, 9 TO 10.30.

- 1. Translate with brief explanation of the constructions underlined:—
- (a) 'Αρίστιππος δὲ ὁ Θετταλὸς ξένος ὧν ἐτύγχανεν αὐτῷ, καί πιεζόμενος ὑπὸ τῶν οἴκοι ἀντιστασιωτῶν ἔρχεται πρὸς τὸν Κῦρον καὶ αἰτεῖ αὐτὸν εἰς δισχιλίους ξένους καὶ τριῶν μηνῶν μισθόν, ὡς οὕτως περιγενόμενος ἂν τῶν ἀντιστασιωτῶν'
- (b) Τισσαφέρνης δὲ κατανοήσας ταῦτα, καὶ μείζονα ήγησάμενος εἶναι ἢ ὡς ἐπὶ Πισίδας τὴν παρασκευήν πορεύεται ὡς βασιλέα ἢ ἐδύνατο τάχιστα ἵππέας ἔχων ὡς πεντακοσίους.
- (c) Κλέαρχος δὲ τότε μὲν μικρὸν ἐξέφυγε μὴ καταπετρωθῆναι. ὕστερον δὲ ἐπεὶ ἔγνω ὅτι οὐ δυνήσεται βιάσασθαι, συνήγαγεν ἐκκλησίαν τῶν αὐτοῦ στρατιωτῶν.
- (d) ἢν γὰρ ψηφίσωνται ἔπεσθαι, ὑμεῖς δόξετε αἴτιοι εἶναι ἄρξαντες τοῦ διαβαίνειν, καὶ ὡς προθυμοτάτοις οὖσιι ὑμῖν χάριν εἴσεται Κῦρος καὶ ἀποδώσει ἐπίσταται δὲ εἴτις καὶ ἄλλος.
- (e) τὸ δὲ σύμπαν δῆλος ἢν Κῦρος ὡς σπεύδων πᾶσαν τὴν ὁδὸν καὶ οὐ διατρίβων ὅπου μὴ ἐπισιτισμοῦ ἕνεκα ἢ

τνος ἄλλου ἀναγκαίου ἐκαθέζετο, νομίζων, ὅσφ μὲν θᾶττον ἔλθοι, τοσούτφ ἀπαρασκευοτέρφ βασιλεῖ μαχεῖσθαι, ὅσφ δὲ σχολαίτερον, τοσούτφ πλέον συναγείρεσθαι βασιλεῖ στράτευμα.

- (f) μετὰ ταῦτα, ἔφη, κελεύοντος Κύρου ἔλαβον τῆς ζωνῆς τὸν 'Ορόνταν ἐπὶ θανάτω ἄπαντες ἀναστάντες και οἱ συγγενεῖς: εἶτα δὲ ἐξῆγὸν αὐτὸν οἷς προσετάχθη.
- (9) ταῦτα δὲ ἤγελλον πρὸς Κῦρον οἱ αὐτομολήσαντες ἐκ τῶν πολεμίων παρὰ μεγαλοῦ βασιλέως πρὸ τῆς μάχης καὶ μετὰ τὴν μάχην οἱ ὕστερον ἐλήφθησαν τῶν πολεμίων ταὐτὰ ἤγγελλον.
- (h) προ δε αὐτῶν ἄρματα διαλείποντα συχνον ἀπ' ἀλλήλων τὰ δὴ δρεπανηφόρα καλούμενα εἶχον δε τὰ δρεπανα ἐκ τῶν ἀξόνων εἰς πλάγιον ἀποτεταμένα καὶ υπὸ τοῖς δίφροις εἰς γῆν βλέποντα, ὡς διακόπτειν ὅτῷ ἐντυγχάνοιεν,
- (i) καὶ γὰρ αὐτὸ τοῦτο οὖπερ αὐτὸς ἔνεκα φιλῶν ὅετο δεῖσθαι, ὡς συνεργοὺς ἔχοι, καὶ αὐτὸς ἐπειρᾶτο συνεργὸς τοῖς φίλοις κράτιστος εἶναι τούτου ὅτου αἰσθάνοιτο ἕκαστον ἐπιθυμοῦντα.
- (k) ἐν ῷ δὲ ταῦτα ἐβουλεύοντο, καὶ δὴ βασιλεὺς παραμειψάμενος εἰς τὸ αὐτὸ σχῆμα κατέστησεν ἀντίαν τῆν φάλαγγα ὅσπερ τὸ πρῶτον μαχούμενος συνήει. ὡς δὲ εἶδον οἱ Ἑλληνες ἐγγύς τε ὄντας καὶ παρατεταγμένους, αὖθις παιανίσαντες ἐπῆσαν πολὺ ἔτι προθυμότερον ἢ τὸ πρόσθεν.
- 2. In the above extracts parse the following words:—  $\mu\eta\nu\hat{\omega}\nu$ ,  $i\pi\pi\epsilon\hat{\alpha}s$ ,  $\epsilon\gamma\nu\omega$ ,  $\epsilon'i\sigma\epsilon\tau\alpha\iota$ ,  $\theta\hat{\alpha}\tau\tau\sigma\nu$ ,  $\dot{\alpha}\nu\alpha\sigma\tau\dot{\alpha}\nu\tau\epsilon s$ ,  $\epsilon\lambda\dot{\eta}\phi\theta\eta\sigma\alpha\nu$ ,  $\dot{\alpha}\pi\sigma\tau\epsilon\tau\alpha\mu\epsilon\nu\alpha$ ,  $\check{\omega}\epsilon\tau\sigma$ ,  $\sigma\nu\nu\dot{\gamma}\epsilon\iota$ .
- 3. Explain the expressions (a) τὰ Λύκαια ἔθυσε, (b) κῶμαι εἰς ζώνην δεδομέναι. (c) κατὰ χώραν ἔθεντο τὰ

ὅπλα. (d) ἀμφὶ ἀγορὰν πλήθουσαν. (e) δῶρα πλεῖστα εἶς γε ἀνὴρ ἐλάμβανε.

4. Explain briefly the causes that led to the Anabasis.

Draw a plan showing in detail the positions of the opposing forces at the battle of Cunaxa.

## UNIVERSITY SCHOOL EXAMINATIONS.

JUNE, 1900.

## GREEK GRAMMAR AND COMPOSITION.

FRIDAY, JUNE 15TH: -MORNINO, 10.30 TO 1.

I.

## Translate into Greok:-

- (a) The children ran through the gates to see the king arriving at the river.
  - (b) Soldiers wish to obey the bravest leader.
- (c) After this the queen gave the same gifts to Xenophon and the rest of the cavalry.
- (d) They marched three days into the desert and on the fourth encamped to await the evening.
- (e) Thereupon he sent for Cyrus wishing to deceive him, but he said he would not leave the army behind
- (f) When they had ceased from the war they remained in the city and later attacked the citizens themselves.

II.

Translate into English:

τούτων λεχθέντων ἀνέστησαν, καὶ ἀπελθόντες κατέκαιον τὰς ἀμάξας καὶ τὰς σκηνάς τῶν δὲ περιττῶν, ὅτου μὲν δέοιτο τις, μετεδίδοσαν ἀλλήλοις, τὰ δὲ ἄλλα εἰς τὸ πῦρ ἐρρίπτουν. ταῦτα ποιήσαντες ἡριστοποιοῦντο. ἀριστοποιουμένων δὲ αὐτῶν ἔρχεται Μιθριδάτης σὺν ἱππεῦσιν

ώς τριάκοντα, καὶ καλεσάμενος τοὺς στρατηγοὺς εἰς ἐπή κοον, λέγει ὧδε. Ἐγώ, ὧ ἄνδρες Ελληνες, καὶ Κύρφ πιστὸς ἦν, ὡς ὑμεῖς ἐπίστασθε, καὶ νῦν ὑμῖν εὔνους· καὶ ἐνθάδε εἰμὶ σὺν πολλῷ φόβφ διάγων. εἰ οὖν ὁρῷην ὑμᾶς σωτήριών τι βουλευομένους, ἔλθοιμι ἂν πρὸς ὑμᾶς, καὶ τοὺς θεράποντας πάντας ἔχων.

### III.

(a) Give Genit. Sing., Acc. Plur., Dat. Plur., and Gender of

νήσος, νοῦς, ἐλπίς, ἀνήρ, θρίξ.

- (b) Give comparative and superlative of μέγας, κακός, εὐδαίμων, πένης, μέλας.
- (c) Give 3rd sing. pres. subj. mid., 2nd sing. aor. opt. act., 2nd sing. pres. imperat. act.; 1st aor. part. pass. acc. masc. fem. and neut. of:—

δηλόω, πείθω, ἀγγέλλω, τίθημι, πράττω, κρύπτω. 3rd sing, aor. ind. act., 3rd plur. perf. subj. pass., 2nd plur. aor. imper. pass., 3d plur. impf. indic. mid, of ἵημι, δέω (bind), δέω (need), κελεύω, φαίνω, νικάω.

- (d) Give the Greek for seventeenth, fifth, nine, a hundred times, seventieth, ten thousand three hundred and forty-two, once.
  - (e) Give principal parts of δείκνυμι, τυγχάνω, πυνθάνομαι, τέμνω, φεύγω.

### GERMAN.

THURSDAY, JUNE 14тн, 1900:—2 то 4 г.м.

- 1. Translate any two of the following extracts:
- (a) "Ein Csel," rief er aus, "wer diesen Quark verschlucket! Gewiß, die Mutter hat mich nur geneckt. Ich schenk' ihr meinen Teil an ihrem Göttermahle. Allein laß sehn, was weiter unten steckt."

Er räumt die Hülse weg und kommt nun auf die Schale. "Bas ist denn das? Berflucht! ein Kieselstein. Hoho! zum dritten Mal will ich der Narr nicht sein. Fort mit der dummen Frucht!" Sie flog in einen Graben. Die Mutter, die kein Wort vom Selbstgespräch verlor, Sprang nun aus einem Busch hervor.

"Du zürust umsonst," sprach sie zum naseweisen Knaben Und brach den Kiesel auf. "An dir liegt nur die Schuld: Ein wenig Arbeit mehr, ein wenig mehr Geduld, So würdest du den Kern gefunden haben."

Pfeffel.

(b) Sonntagsstille lag auf Flur und Wald, und die an der Berghalde zerstreuten Hütten waren wie ausgestorben. Hier und da lag vor einer Thür ein schläfriger Hund, der nur dann seine Mittagsruhe unterbrach, wenn ihm eine summende Fliege allzusehr zusetzte Dann that der Gepeinigte einen Schnapp nach der Friedenstörerin, um im nächsten Augenblick die müden Lider wieder zu schliessen.

Aus dem Dorf klang lustiges Gefiedel, und das tiefe Brummen der Bassgeige; dazwischen ward Geräusch fallender Kegel vernehmbar, und der Ruf des Kegeljungen, zuweilen auch der Jauchzer eines übermütigen Burschen, oder das Kreischen einer geängstigten Dirne.

(e) Beil der Tag fühl war, so proponierte Herr Eckart, in den inneren Räumen der "Ressource" gemeinschaftlich eine Flasche Roten zur Erwärmung zu trinken. Das war dem Kanzleirat, wie er sagte, aus der Seele gesprochen. Die Flasche ward in einem kleinen, abgelegenen Zimmer ausgestochen, und es wurde dabei ziemlich laut gesprochen, mit den Kelchen angestoßen und auch ein Glas verschüttet, was nach der Ansicht aller Vernünstigen Gutes bedeutet.

Spät am Abend wanderten die beiden Herren unter lebhaften Gesprächen Arm in Arm nach der Stadt, und Herr Eckart ließes sich nicht nehmen, den Kanzleirat bis an dessen Behaufung zu begleiten.

Die Kanzleirätin, die in einer weißen Haube nach ihrem lüderlichen Chegespons auslugte, fuhr schnell mit dem Kopf zurück, als das Paar auf das Hauf zugesteuert kam.

2. Write the inf. and past part. of:—rief, flog, sprach, verlor, unterbrach, zusetzte, that; and the past tense of:—schliessen, fallend, lass, kommt.

3. Express in German: -- Of my dear daughters; these Germans;

Berlin books; those lovely yellow flowers; some new pens; a few bright days every winter.

- 4. What is the difference between Ich kenne den Weg and Ich weiss den Weg?
- 5. Change to the passive form the following: Der Mann schlägt seinen Hund; Er gab mir ein Buch; Man wird mir vergeben.
  - 6. Translate into German :-
- (a) My father has given me a large and expensive German Dictionary, the best he could get in Montreal. The more I use it, the better I like it.
- (b) If you see my cousin, please tell him that we have been waiting for him for two hours. He ought to have been here when I arrived, as I had written to him and told him at what hour in the evening our train left Boston.
- (c) Yesterday we should have had more pleasure, if we had had more time.
  - (d) I could have sold my horse yesterday, but I did not want to.
- (e) The concert will begin at eight o'clock; we thought it had already begun.
- (f) An old man who emigrated (auswandern) to America n his youth, married there, brought up a large family and returned in his seventieth year to Germany.
- N.B.—Candidates from the Provinces of Ontario and Nova Scotia may substitute the following for question 1 (a), (b) and (c).

Translate into English :-

(a) "Gut," erwiderte das Männlein, wenn Du nicht anders willst, so fannst Du es haben; meine Art habe ich bei der Hand." Er nahm ganz ruhig sein Pseislein aus dem Mund, flopste es aus und steckte es ein. Dann stand er langsam auf und ging hinter die Tannen. Peter aber setzte sich weinend ins Gras, sein Leben war ihm nichts mehr, und er erwartete geduldig den Todesstreich. Nach einiger Zeit hörte er leise Tritte hinter sich und dachte: "Jest wird er fommen."

"Schau Dich doch einmal um, Peter Munt!" rief das Männlein. Er wischte sich die Thränen aus den Augen und schante sich um und sah—seine Mutter und Lisbeth, seine Frau, die ihn freundlich anblicken. Da sprang er freudig auf:

"So bist Du nicht tot, Lisbeth? Und auch Ihr seid da Mutter und habt mir vergeben?"

(b) "So sprach der arglistige Michel, und die andern waren es zufrieden; die einen, weil sie gerne nach Holland gezogen wären, es zu sehen, die andern des Geldes wegen. Rur ein einziger war redlich und mahnte sie ab, das Gut ihres Herrn der Gesahr aus zusehen oder ihn um den höheren Preis zu betrügen; aber sie hörten nicht auf ihn und vergaßen seine Worte, aber der Hollander-Michel vergaß sie nicht. Sie suhren auch mit dem Holz den Rhein hinah, Michel leitete den Floß und brachte sie schnell bis nach Rotterdam. Dort bot man ihnen das Viersache von dem früheren Preis; und besonders die ungeheueren Balken des Michel wurden mit schwerem Geld gezahlt.

### FRENCH.

A

1. Translate into English:

(a) Ne pas faire à autrui ce que nous ne voudrions pas qu'on nous fit, voilà la justice.

Faire pour autrui en toute rencontre, ce que nous voudrions qu'il fit

pour nous, voilà la charité.

Un homme vivait de son travail, lui, sa femme et ses petits enfants; et comme il avait une bonne santé, des bras robustes, et qu'il trouvait aisément à s'employer, il pouvait sans trop de peine pourvoir à sa subsistance et à celle des siens.

Mais il arriva qu'une grande gêne étant survenue dans le pays, le travail y tut moins demandé, parce qu'il n'offrait plus de bénéfices à ceux qui le payaient, et en même temps le prix des choses nécessaires à la vie aug-

menta.

Cet homme et sa famille commencèrent donc à souffrir beaucoup. Après avoir bientôt épuisé ses modiques épargnes, il lui fallut vendre pièce à pièce ses meubles d'abord, puis quelques-uns de ses vêtements; et, quand il se fut ainsi dépouillé, il demeura privé de toutes ressources, face à face avec la faim. Et la faim n'était pas entrée seule chez lui: la maladie y était aussi entrée avec elle.

2. Translate into French:-

(a) My dear Charles,

I arrived in Montreal this morning by, the Canadian Pacific I have not yet found a room, but I have been told that I can get one on Mansfield street for ten dollars a month. I am writing this at my cousin's, with whom I am to dine at half past six. When you come to Montreal, do not forget to pay me a visit. I intend to give the most of my time to study, but I should be sorry to think that a student could not devote (consacrer) an afternoon to a friend.

(b) Give it to him; I give it to you; The songs I have heard sung; You must sing; Hurry; Come and see me; Let him come; I am called John; The best wine that ever was sold; If youth knew, if old age could

B

- 3. Write the five principal parts (primitive tenses) of the verbs in italics in 1 (a).
- 4. When is some or any rendered into French by de only? Give examples.
- 5. What is the position of adverbs in a French sentence? Embedy the following adverbs in short sentences; firstly with a simple tense; secondly with a compound tense:—beaucoup, toujours, hier.
- 6. Write the plural :-- Le monsieur que j'ai vu est celui qui est venu il y a une heure.
- 7. Explain the use of the Imperfect, Past Definite and the Past Indefinite in French. Form sentences to illustrate your answer.

C

8. Reproduce in French (about 100 words) the accompanying story to be read aloud by the examiner.

The following story is to be read to the candidates half an hour before the close of the examination. It must be read twice slowly and deliberately in order that the candidates may grasp its meaning. Candidates will then reproduce the story in French, in the same answer book as part A. While the story is being read all pens must be laid on the desks.

### THE FAR-SIGHTED DERVISE.

C

A dervise was journeying alone in a desert, when two merchants sud denly met him: "You have lost a camel," said he to the merchants. "In deed we have," they replied. "Was he not blind in his right eye, and lame in his left leg?" said the dervise. "He was," replied the merchants. "Had he not lost a front tooth?" said the dervise. "He had," rejoined the merchants. "And was he not loaded with honey on one side, and wheat on the other?" "Certainly," they replied: "and as you have seen him so lately, you can in all probability conduct us to him." "My friends," said the dervise, "I have never seen your camel, nor ever heard of him, but from you."

"A pretty story, truly," said the merchants: "but where are the jewels which formed a part of his cargo?" "I have neither seen your camel nor your jewels," repeated the dervise. On this they seized him and hurried him before the judge, where nothing could be found against him. They

then were about to punish him as a sorcerer, when the dervise with great calmness said:

"I have lived long in a desert. I knew that I had crossed the track of a camel that had strayed from its owner, because I saw no mark of any human footstep on the same route; I knew that the animal was blind in one eye, because it had cropped the grass only on one side of its path; and I perceived that it was lame in one leg from the faint impression which that particular foot had produced upon the sand; I concluded that the animal had lost one tooth, because wherever it had grazed a small tuft of grass had been left uninjured in the centre of its bite. As to the burden of the beast, the busy ants informed methat it was corn on one side, and the flies that it was honey on the other.

### PHYSICS.

WEDNESDAY, JUNE 14TH: -3.30 TO 5 P.M.

- 1. Distinguish between molecular forces and molar forces, and give an illustration of each.
  - 2. Describe (making a drawing) the action of the ordinary air pump.
  - 3. State the three laws of motion, and illustrate one of them.
- 4. If a coin is dropped from a balloon one mile above the earth, for how many seconds will it fall, and what will be its final velocity? (Make no allowances.)
- 5. Define energy. Distinguish between potential and kinetic energy. A body weighing 25 lbs. is thrown vertically upward with an initial velocity of 30 ft. per second. Calculate its energy. Find the height to which it will rise.
- 6. Distinguish between conduction of heat and convection of heat, and describe an experiment to illustrate each.
- 7. What is meant by absolute temperature? How is absolute zero determined?

# McGill Aniversity.

# FACULTY OF MEDICINE.

SESSION 1899-1900.

## HONOR AND CLASS LISTS.

The total number of students registered in the Faculty of Medicine for the Session 1899-1900 was 478, made up as follows:—

First Year	135
Second Year	126
Third Year	101
Fourth Year	95
	457
Of which there were from Quebec	134
Ontario	134
New Brunswick	53
British Columbia	9
United States	52
Jamaica	2
Magdalen Islands	1
Nova Scotia and Cape Breton	34
Prince Edward Island	23
Manitoba and Northwest Territories.	4
Newfoundland	9
Ireland	2
	457
Graduates in attendance	21
Grand Total	478

## FOURTH YEAR. PRIZES AND HONORS.

HOLMES GOLD MEDAL for highest aggregate in all subjects forming the Medical Curriculum,

E. R. SECORD, of Brantford, Ont.

FINAL PRIZEMAN, for highest aggregate in Fourth Year Subjects,

J. W. T. PATTON, of Ponds, N.S.

CLEMESHA PRIZE for Clinical Therapeutics,

C. K. P. HENRY, Ottawa, Ont.

McGILL MEDICAL SOCIETY SENIOR PRIZES.

J. W. T. PATTON, First Prize.

J. E. M. CARNWATH, Second Prize.

## HONOURS IN ALL SUBJECTS

- Secord, E. R. 1
- Patton, J. W. T. 2
- Ballantyne, C. T. 3
- Henry, C. K. P.

- Martin, L. W.
- Carnwath, J. E. M. 6
- Paterson, W. F., B. A.

SHIRING TO

Hiebert, G.

### HONOURS IN MEDICINE

- Secord, E. R. 1
- Ballantyne, C. T. 2
- Henry, C. K. P. 3
- Cook, C. R.

- Patton, J. W. T. 5 6
- Hiebert, G. Hill, W. H. P.
- 7 Martin, L. W.

## HONOURS IN GYNAECOLOGY.

- Secord, E. R.
- Ballantyne, C. T. 2
- Armstrong, J. W., B. A. Henry, C. K. P. Patton, J. W. T. McDonald. W. F. 3
- 6
- Carnwath, J. E. M.
- Chisholm, A. J.

- Charlton, G. A.
- Cowperthwaite, W. M. 10

- 11 | Doull, A. E. | Paterson, W.F., B. A. | Baird, J. A. | Kannary, E. Le R., B. A.

## HONOURS IN OPHTHALMOLOGY.

1 Martin, L. W. 2 Ballantyne, C. T. 4 {Gilday, A. L. C., B. A. Carnwath, J. E. M.

Dimmanna.

#### HONOURS IN SURGERY.

1	Henry, C. K. P.	13 Doull, A. E.
2	Secord, E. R.	14 Brown, E. L.
\3	Carnwath, J. E. M.	15 Rowley, W. E., B. A.
4	Baird, J. A.	
5	Patton, J. W. T.	16 {Cox. J. R. Jardine, J.
6	Martin, L. W.	18 Kannary, E. Le R., B. A.
7 8	Murray, L. M. Ballantyne, C. T.	19 {Conroy, R. J. McAuley, M. G.
9	Donnelly, A. J., B. A.	21 Cowperthwaite, W. M.
10	(Hiebert, G.	22 Chisholm, A. J.
12	McDonald. W. F. Paterson, W. F., B. A.	23 Burnett, P. Cook, C. R.

#### HONOURS IN OBSTETRICS.

1 Secord, E. R. 4 Gilday, A. L. C., B. A. 2 {Gray, H. R. D., B. A. 5 Martin, L. W.

#### HONOURS IN PRACTICAL PATHOLOGY.

1 Secord, E. R. Cook, C. R. 10 2 Henry, C. K. P. 11 Paterson, W. F., B. A. Patton, J. W. T, 12 KcAuley, A. G. Sayre, T. D. 4 13 Morrow, J. J. Hill, W. H. P. 14 Martin, L. W. Armstrong, J. W. B. A. 15 Burnett, P. Ballantyne, C. T. McKee, S. H., B. A. Murray, L. M. Keating, B. H. Todd, J. L., B. A. 16 17

## HONOURS IN CLINICAL SURGERY.

1 Secord, E. R. 7 McDonald, W. F.
2 Patton, J. W. T. 5 Baird, J. A. 8 Ballantyne, C. T. 5 (Carnwath, J. E. M. Martin, L. W. 8 Murray, L. M.

#### Results of Examinations.

SESSION OF 1899-1900

#### PASS LIST.

#### FINAL SUBJECTS.

The following gentlemen, 75 in number have fulfilled all the requirements to entitle them to the degree of M.D., C.M., from the University. In addition to the primary subjects they have passed a satisfactory examination, both written and oral, in the following subjects:— Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Pharmacology and Therapeutics, Medical Jurisprudence, Practical and General Pathology and Hygiene, and also clinical examinations in Medicine, Surgery, Obstetrics, Gynaecology and Ophthalmology, conducted at the bedside in the hospital:—

Akerley, A. W. K	.Fredericton, N. B.
Armstrong, J. W., B. A	.Bristol, Que.
Baird, J. A	.Brucefield, Ont.
Ballantyne, C. T	.Ottawa, Ont.
Beadie, W. D	.Lachine Locks, Que.
Bishop, T. E	. Harvey Bank, N. B.
Bradley, J. H	.Charlottetown, P. E. I.
Brown, E. L	.Chesterville, Ont.
Buffett, C., B. A	.Grand Bank, Nfd.
Burnett, P	. Montreal, Que.
Carnwath, J. E. M	.Riverside, N. B.
Charlton, A. J	
Chisholm, G. A	
Clemesha, W. F	
Coffin, J. D	Charlottetown, P. E. I.
Conroy, R. J	
Cook, C. R	
Costello, A. E	
Cowperthwaite, W. M	Carboneer, Nfd.
Cox, J, R	Hull, Que.
Cuzner, G	Ottawa, Ont.
Donnelly, A.J., B. A	Sturgeon, P. E. I.
Doull, A. E	Halifax, N. S.
Duffy, P. F	Charlottetown, P. E. I.
Eagar, W. H	Dartmouth, N. S.
Freeman, C. H., B. A	Milton, N. S.

Fourney, F. WMont	treal, Que.
Gilday, A. L. C., B. A	real, Que.
Gray, H. R. D., B. A Mont	real, Que.
Hall, A. R Wash	
Haszard, C. F. L Char	lottetown, P. E. I.
Henry, C. K. POttav	
Hiebert, GGretz	
Hill, W. H. P Mont	
Jardine, JFreet	
Jones, H. A., B. A	
Kannary, E. LeR., B.ANorth	
Keating, B. H Moore	The state of the s
Keating, H. T	
Lockhart, F. A. L	
McAuley, A. GVento	
McConnell., R. E., B. AMont	
McDiarmid, W. B Maxv	
McDonald, W. F West	
McDougall, AKippe	
McKee, S. H., B. AFrede	
McSorley, H. S	
Martin, L. W	
Morrison, A. S	
Morrison, G. D Vankl	
Morrow, J. J Fergu	
Murray, L. MTruro	
Mussen, A. TLachi	
Paintin, A. C	
Paterson, W. F., B. A	
Pattee, F. JVankl	
Patton, J. W. T Ponds	
Payne, R. HKingst	
Peake, E. P., B. A Oshkos	
Pope, E. L., B. ABellev	rille, Ont.
Porter, A. SPowas	san, Ont.
Richard, F. A., B. ARichib	ucto, N. B.
Ross, H., B. AMontre	eal, Que.
Rowley, W. E., B. A Marys	ville, N. B.
Rutherfurd, A. ELondon	n, Eng.
Sayre, T. D	
Secord, E. RBrantf	
Shaughnessy, C. R St Step	
Stevenson, H. R Danvil	
Todd, J. L., B. AVictor	
Turnbull, J. ABear H	River, N. S.
Turner, W.GQuebec	
Townshend, CParrsb	oro, N. S.
Wilson, W. A.,	on Place, Ont.
Wood, D. FFariba	

Brannen, J. P., Montreal has passed all the examinations in the final subjects but not having conformed with the ull requirements for the degree it will not be conferred until later.

## ADVANCED COURSE IN LEGAL MEDICINE.

The following graduates having attended the Advanced Course in specialized medico-legal work during the past session and having passed examinations in the same, are entitled to special certificates.

Baird, J. A. Eagar, W. H. Gilday, L. C. Gray, H. R. D. McConnell, R. E. Patte, F. J. Payne, R. H. Rutherford, A. E. Kannary, E. L. Turner, W. G. Todd, J. L. Wilson, W. A. Wood, D. F.

# THIRD YEAR. PRIZES AND HONOURS.

THIRD YEAR PRIZEMAN,

Marianana

R. H. KER, B.A., Montreal.

SUTHERLAND MEDALLIST,

H. McN. Collison, of Dixon's Corners, N. B.

## HONOURS IN ALL SUBJECTS

		AND DESCRIPTION OF THE PARTY OF	SCHILLS
1	Ker, R. H., B. A.		
2	Bruce, J., B. A.	13	White, E. H., B. A.
3		14	Roberts, J.
-	Penner, E., B. A.	15	
4	Robertson, L. F., B. A.		Robertson, C. G.
5	W D. A.	16	Richards, B. A.
	Wyman, H. B., B. A	17	Goodell I D D
6	Jones, S., B. A.		Goodall, J. R. B. A
7	Collision, H. McN	18	Willey, B. A.
0		19	Leggett, T. H.
8 9	Mackay, M., B. A.		Williams, W
	Little, H. M.	21	Williams, W
10	Rogers, H. B.		Martin, E. A.
			Russel, C. K., B. A.
11	Browne, J. B., B. A.	23	Jackson, G. F.
	(Campbell, R. P., B. A.	24	Dalton, C. H.

## HONOURS IN MENTAL DISEASES.

Collison, J. McN. Browne, J. G., B. A. Lunney, T. H. Collison, J. Campbell, R. P., B. A. Egan, W. J. Ker, R. H., B. A. Learmonth, G. E., B. A. Penner, E., B. A. Howard, A. C. P., B. A. Roberts, C. J. Wyman, H. B., B. A. Jones, S., B. A. Moore, J. C., D. V. S. Leggett, T. T. Simpson, S. Roberts, J. (Blake, J. J. Wilson, J. J. Little, H. M., B. A. Mackay, M., B. A. Dalton, C. H. Robertson, L. F., B. A.

## HONOURS IN HYGIENE AND BACTERIOLOGY.

Little, H. M., B. A. Howard, A. C. P., B. A. Bruce, J., B.A. 11 Rogers, H. B. Robertson, L. F., B. A. 12 Collison, H. McN. Penner, E., B.A. 13 Jones. S., B. A. MacKay, M., B. A. Robertson, C. G. 14 Russel, C. K., B. A. Campbel!, R. P., B. A. Goodall, J. R., B. A. Wyman, H. B., B. A. 15 Ker, R. H., B.A. 17 Moses, H. C. Redon, H. L., B. A.

## HONOURS IN MATERIA MEDICA.

Wiley, B. E. Wyman, H. B., B. A. Campbell, R. P., B. A. Mackay, M., B. A. 1 Ker, R. H., B. A. 16 2 Penner, E., B. A. Williams, W. Ellis, R. L. Rogers, H. B. 3 White, E. H., B. A. Dalton, C. H. 5 Bruce, J., B. A. Fleming, J. E. 6 Jones, S., B. A. Mullaly, E. J. MacCarthy, F. H. Richards, B. A. Robertson, L. F., B. A. Stevenson, J. B., B. A. Collison, H. McN. Jackson, G, F. Little, H. M., B. A. Martin, E. A. Taylor, W. L.

#### HONOURS IN SURGERY.

Browne, J. G., B. A. Ker, R. H., B. A. Robertson, R. D. Fleming, J. E. Goodall, J. R., B. A. Campbell, R, P., B. A. Mackay, M., B. A. Jones, S., B. A. Learmonth, G. E., B. A. Bruce, Jas., B.A. Roberts, J. Martin, E. A. Robertson, L. F., B. A. Richards, B. A. Wyman, H. B., B. A. Taylor, W. L. White, E. H., B. A.

## HONOURS IN MEDICINE.

Moore, J. C., D. V. S. Rogers, H, B. Fuller, A. T., B. A. Bruce, James, B. A. 2 Ker, R. H., B. A. Jones, S., B. A. Little, H. M., B. A. 21 Penner, E., B. A. Ryan, W. T., B. A. Russel, C. K., B. A. Wilson, J. J. Mullaly, E. J. Hope, J. T. 26 Redon, L. H., B. A. Rutherford, C. A. Robertson, L. F., B. A. Shearer, C. Hunter, E. N. McL. (Dalton, C. H. Goodall, J. R., B. A. Ellis, R. L. Jackson, G. F. Morgan, A. D. Leggett, T. H. Browne, J. G., B, A. Macpherson, C. Collison, H. McN. 10 Miller, G. H. S. Currie, W. D. Sanders, C. W. Fleming, J. E.

White, E. H., B. A.

Wiley, B. E.

18

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2

#### Mackay, D. S. Mackay, M., B. A, HONOURS IN PATHOLOGY.

MacCarthy, F. H.

Wiggin, W. J.

Williams, W.

Leggett, T. H. Russel, C. K., B.A. Bruce, J., B. A. Penner, E., B. A. Goodall, J. R., B. A. Jones, S., B. A. 3 Richards, B. A. Newcombe, W. E. 4 MacCarthy, F. H. 14 Ker, R. H., B. A. 5 Howard, A. C. P., B. A. Robertson, L. F., B. A. 15 6 Wiley, B. E. 16 Collison, H. McN. 7 17 Egan, W. G. Browne, J. G., B.A. 8 MacKay, M., B. A. Roberts, J.

## HONOURS IN CLINICAL CHEMISTRY.

Dalton, C. H. Wyman, H. B., B. A. Borden, H. L., B. A. Collison, H. McN.

Russell, E. M., B. A. Wilson, J. J.

Martin, E. A.

4110 and manny

Ker, R. H., B. A. Blake, J. J.

Simpson, E. G. W. Stewart, C. J.

Collison, J.

Donovan, J. B. Mullaly, E. J.

Richards, J., B.A. Robertson, C. G.

Bruce, J., B. A. Callbeck, A. deB

Lomas, A. J. 19

Shearer, C. 20

## HONOURS IN MEDICAL JURISPRUDENCE.

Robertson, L. F., B. A.

2 Ker, R. H., B.A. {Fuller, A. T., B. A. Roberts, J. 3

5 Robertson, C. G.

Browne, J. G., B.A. (Bishop, L. C.

Collison, H. McN. Goodall, J. R., B.A. Howard, A. C. P., B. A.

Lunny, T. H. 12 Campbell, R. P., B. A.

13 Rogers, H. B. 14 Penner, E., B. A.

Mackay, D. S. Newcombe, W. E. Belanger, E. R. Jones, S.

Kendall, A. L. Morgan, R. D. Richards, B. A. Stewart, C. J. Wiley, B. E. Wyman, H. B., B.A.

Carlyle, D. A.

#### HONOURS IN OBSTETRICS.

Jones, S., B.A.

Robertson, L. F., B.A.

3 Fuller, A. T., B.A.

Robertson, C. G. Hunter, E. N. McL. McDonald, E. E. Richards, B. A. Rogers, H. B.

George, H. B.

9 Collinson, H. McN.
George, J. D.
Campbell, R. P.
Little, H. M., R.A.
Goodall, J. R., B.A.
Ker, B. H., B.A.
Mackay, M., B.A,
Wyman, H. B., B.A.

Browne, J. G., B.A. Penner, E., B.A. Johnson, R. DeL., B.A. Macpherson, C.

Martin, E. A, Redon, L. H., B.A. Russell, E. M., B.A. 20

Butler, P. R., B.A.

26

Dalton, C. H.,
Jackson, G. F.
Moses, H. C.,
Wiley, B. E.,
Howard, A. C. P., B.A.
Roberts, J.,
Kowdell, A. L. 30

Kendall, A. L. Morgan, A. D. Winter, D. E.

## PASS LIST.

ALL SUBJECTS,

The following students, 83 in number, have passed in all the Subjects of the Third Year, viz.: Pathology, Pharmacology and Therapeutics, Hygiene and Bacteriology, Medical Jurisprudence, Mental Diseases, Medicine, Surgery, Clinical Chemistry and Obstetrics:

MacKenzie, S. D.

McAuley, A. G.

Beatty, H. W. Belanger, E. R. Blake, J. J. Bradley, J. H. Browne, J. G., B.A. Bruce, J., B.A. Buffett, C. Butler, P. E., B.A. Campbell, R. P., B.A. Carlyle, D. A. Collison, H. McN. Collison, J. Costello, A. E. Dalton, C. H. Donaldson, A. S. Duffy, P. F. Duncan, J. W. Egan, W. J. Ellis, R. L. Fleming, J. E. Fourney, F. W., B. A. Fuller, A. T., B.A. Gardner, R. L., B.A. George, J. D. Goodall, J. R., B.A. Harley, R. J. O. Harvie, S. K. Hope, J. T. Jackson, G. F. Jones, H. A. Jones, S., B. A. Kannary, E. L., B.A. Keating, B. H. Keating, H. T. Kendall, A. L. Ker, R. H., B.A. Leggett, T. H. Little, H. M., B.A. Lunney, T. H. MacCarthy, F. H. MacKay, D. S. MacKay, M., B.A.

McDiarmid, M. T. McPherson, C. McSorley, H. S. Martin, E. A. Miller, G. H. S Moore, J. C., D.V.S. Morrow, J. J. Moses, H. C. Payne, R. H. Paterson, A., B.A. Penner E. B.A. Pittis, H. Redon, L. H., B.A. Richards, B.A. Roberts, J. Robertson, C. G. Robertson, L. F., B.A. Robertson R. D. Robidoux, E. L., B.A. Rogers, N. B. Russel, C. K., B.A. Sanders, C. W, Sayre, T. D. Shaughnessy, C. R. Shearer, C. Shearer, R. L. Simpson, E. G. W. Stevenson, J., B.A. Stewart, C. J. Taylor, W. L. Townsend, C. Ward, J. A. White, E. H., B.A. Wiggin, W. I. Wiley, B. E. Williams, W Wilson, J. J. Winter, D. E. Wyman, H. B., B.A.

In addition to those whose names appear in the above list, having passed in all Subjects of the Third Year, the following have passed in:

## MATERIA MEDICA.

Bayfield, T. F.
Callbeck, A. des B.
Crang, F. W
Currie, W. D.
Howard, A. C. P., B. A.
Hunter, E. N. McL.
Johnson, R. de L., B. A.

Learmonth, G. E., B. A.
MacNeill. J. W.
McDonald, E. E.
Mason, E. G.
Meighen, W. A.
Miller, S.
Morgan, A. D.

Mullaly, E. J. Newcombe, W. E. Russel, E. M., B. A. Rutherford, C. A. Simpson, S. Stentaford, G. L. Taylor, D. A.

#### PATHOLOGY.

Callbeck, R. des B. Currie, W. D. Featherston, H. C. Howard, A. C. P., B. A. Hunter, E. N. McL. Johnston, J. L. Jones, J. H,

Learmonth, G. E., B. A. McDonald, C. A. May, L. W. Meighen, W. A, Miller, S. Morgan, A. D.

Mullaly, E. J. Newcombe, W. E Rutherford, C. A. Ryan, W. T. Simpson, S. Stentaford, G. L.

## HYGIENE AND BACTERIOLOGY.

Bayfield, T. F.
Callbeck, R. des B.
Crang, F. W.
Currie, W. D.
Donovan, J. B.
Featherston, H. C.
Howard, A. C. P., B. A.
Hughes. R. E.
Hunter. E. N. McL.
Johnston, J. L.
Johnson, R. de L; B. A.
Jones, J. H.

Lawlor, F. E.
Learmonth, G. E., B. A
Lomas, A. J.
MacNeill, J. W.
McDonald, C. A
McDonald, E. E.
McKinnon, I. W.
May, L. W.
Meighen, W. A.
Miller, S.
Morgan, A. D.
Mullaly, E. J.

Newcombe, W. E.
Niven, J. K.
Russel, E. M., B. A.
Rutherford, C. A.
Ryan, W. T.
Simpson, S.
Stentaford, G. L.
Stewart, C. A.
Tanner, C. A. H.
Taylor, D. A.
Wilkins, F. F.

## MEDICAL JURISPRUDENCE.

Anton, D. L. S.
Bayfield, T. F.
Bisnop, L. C.
Callbeck, A. desB.
Cox. R. B.
Crang, F. W.
Currie, W. D.
Donovan, J. B.
Featherston, H. C.
Howard, A. C. P., B. A
Hughes, R. E.
Hunter, E. N. McL.

Johnston, J. L.
Johnson, R. deL., B. A.
Jones, J. H.
Learmonth, G. E.. B. A.
Lidstone, A. E.
Lomas, A. J.
MacNeill, J. W.
McDonald, C. A.
McDonald, E. E.
Mason, E. G.
Meighen, W. A.
Miller, S.

Morgan, A. D.
Mullaly, E. J.
Newcombe, W. Z.
Russel, E. M., B. A.
Rutherford, C. A.
Ryan, W. T., B. A.
Saunders, W. E.
Simpson, S.
Stentaford, G. L.
Taylor, D. A.
Warren, J.

#### MENTAL DISEASES.

Bayfield, T. F.
Bishop, L. C.
Callbeck, A. des B.
Cox, R. B.
Crang, F. W.
Currie, W. D.
Dixon, J. D.
Donovan, J. B.
Dowson, C. K.
Featherston, H. C.
Hart, F. W.
Howard, A. C. P, B.A.
Hughes, R. E.

Johnston, J. L.
Johnson, R. deL., B.A.
Jones, J. H.
Learmonth, G. E.
Lidstone, A. E.
Lynch, J. B.,
MacNeill, J. W.
McDonald, E. E.
Mason, E. G.
Meighen, W. A.
Miller, S.
Morgan, A. D.

Mullaly, E. J.
Newcombe, W. E.
Niven, J. K.
O'Sullivan, T. M.
Russel, E.M., B.A.
Ryan, W. T., B.A.
Saunders, W. E.
Simpson, S.
Stentaford, G. L.
Stewart, C. A.
Taylor, D. A.
Werren, J. G.

#### MEDICINE.

Bayfield, T. F.
Crang, F. W.
Currie, W. D.
Hughes, R. E.
Hunter, E. N. McL.
Lawlor, F. E.
Littig, J. V.
MacNeill, J. W.
McDonald, C. A.

McDonald, E. E. May, L. W., Miller, S. Morgan, A. D. Mullaly, E. J. Newcombe, W. E. Niven, J. K. O'Sullivan, M. T. Russel, E. M., B.A. Rutherford, C. A. Ryan, W. T., B. A. Stentaford, G. L. Stewart, C. A. Symmes, C. R. Tanner, C. A. H. Taylor, D. A.

#### CLINICAL SURGERY.

Bayfield, T. F. Crang, F. W. Currie, W. D. Howard, A. C. P., B.A. Hunter, E. N. McL. Johnston, J. L. Jones, J. H. Lawlor, F. E. Learmonth, G. E., B.A. Lomas, A. J. MacNeill, J. W. McDonald, C. A. McDonald, E. E. Meighen, W. A. Niven, J. K.
Russel, E. M., B.A.
Rutherford, C. A.
Simpson, S.
Taylor, D. A.
Wilkins, F. F.

#### CLINICAL CHEMISTRY.

Bayfield, T. F.
Borden, H. L., B.A.
Callbeck, A. des B.
Crang, F. W.
Donovan, J. B.
Featheston, H. C.
Howard, A. C. P., B.A.
Hunter, E. N. McL.
Johnston, J. L.
Johnson, R. deL., B.A.

Jones, J. H.
Lawlor, F. E.
Learmonth, G. E., B.A.
Lomas, A. J.
MacNeill, J. W.
McDonald, C. A.
McDonald, E. E.
May, L. W.
Meighen, W. A.
Miller, S.

Morgan, A.D.
Mullaly, E. J.
Newcombe, W. E.
Niven, J. K.
Russel, E.M., B.A.
Rutherford, C. A.
Ryan, W. T., B.A.
Simpson, S.
Stentaford, G. L.
Taylor, D. A.

## OBSTETRICS.

Bayfield, T. F., Calbeck, A. DeB, Crang, F. W. Currie, W. D. Donovan, J. B. Featherston, H. C. Hughes, R. E. Johnson, J. L. Jones, J. H. Lawlor, F. E.

All Danisanin

Learmonth, G. E.
Littig, J. V.
Lomas, A. J.
MacNeill, J. W.
McDonald, C. A.
May, L. W.
Meighen, W. A.
Miller, G. H. S.
Miller, S.
Mullaly, E. J.

Newcombe, W. E.
Niven, J. K.
Rutherford, C. A.
Ryan, W. T., B.A.
Simpson, S.
Stentaford, G. L.
Stewart, C. A.
Tanner, C. A. H.
Taylor, D. A.
Wilkins, F. F.

## SECOND YEAR. PRIZES AND HONORS.

SECOND YEAR PRIZEMAN,

R. McL. VAN WART, B.A., of Fredericton, N.B.

SENIOR ANATOMY PRIZE,

R. McL. VAN WART, B.A., of Fredericton, N.B.

McGILL MEDICAL SOCIETY JUNIOR PRIZES.

First Prize, C. SHEARER. Second Prize, M. MACKAY.

#### HONOURS IN ALL SUBJECTS.

- 1 Van Wart, R. McL., B. A.
- 2 Campbell, J. A. E., B. A.
- 3 Manchester, W.
- 4 Moffatt, G.
- 5 Mason, L. D., B. A.

- 6 McGibbon, S.
- 7 Gardner, W. A., B. A. Walker, H.

mustellillilli

- 9 Christie, F. J.
- 10 Dixon, J. D.
- 11 Paterson, R. C., B. A.

#### HONOURS IN ANATOMY.

- Van Wart, R. McL., B. A.
- 2 Peters, O. R.
- 3 Campbell, J. A. E., B. A.
- 4 Mason, L. D., B. A. McKenzie, J. B., B. A.
- 6 Moffatt, G.

- 7 { Palmer, G. A. Paterson R. C., B. A.
- 9 Byers, J. R.
- 10 Ship, M. L., B. A. 11 Gardner, W. A., B. A.
- - Leney.J. M., B. A. McKee, W. E.

#### HONOURS IN HISTOLOGY.

- 1 Campbell, J. A. E., B. A. Gardner, W. A., B. A. Leney, J. M., B. A. Van Wart, R. McL., B. A.
- 5 Menzies, J. E. Paterson. R. C., B. A.
- 7 Ames, A. C. Byers, J. R. Cox, R. B.
- 10 Irwin, F.
- Dixon, J. D. Mackinnon, G. E. L. McKee, W. E. Walker, H. Jr.

- Codrington, R. F. Dorion, W. A. Eastman, E. B. Evans, S.
- Manchester, J. W. Morse, G. R. MacLaren, A. H., B. A. McKenzie, J. B., B. A. Ship, M. L., B. A. Thomas, J. W., B. A.
- 25 MacNaughton, J. A. Smith, T. W. Jones, Sydney
- Colby, J. C., B. A.
  Folkins, H. G.
  Forster, J. F. C.
  Moffatt, G.
  Morse, W. R., B. A.
  McGibbon, D,
  Peters, O. R.
  Pickard, L. N.

# HONOURS IN PRACTICAL CHEMISTRY.

1 McLaughlin, E. M.

O DEPARTMENT

2 Manchester, J. W. Turner, G. H., B. A.

4 Crowell, B. C., B. A. Eastman, E. B.

6 Johntson, J. A., B. A. Martin, H. E. McKenzie, J. B., B. A.

9 Christie, F. J. Gardiner, R. J.

11 Campbell, J. A, E., B. A.

12 SEvans, S. Moore, P. T., B 14 O'Brien, C. W. B. A.

## HONOURS IN PHYSIOLOGY.

1 Manchester, J. W. Walker, H. Jr.

3 Van Wart, R. McL., B. A. 4 Gardner, W. A., B. A.

5 McGibbon, S.

6 Mason, L. D., B. A.

7 Campbell, J. A. E., B. A. 8 Folkins, H. G.

9 Evans, S.

10 Bishop, L. C.

11 Moffatt, G.

12 Leney, J. M., B. A.

13 Williams, R. G.

14 Morse, W. R., B. A. 15 Menzies, J. E.

16 Smith, T. W.

17 Christie, F.J.

18 Mothersill, G. S.

19 Hopkins, C. W.

20 Giles, G. N. Green, F. W.

22 Cox, R. B. Curren, L. M.

24 Eastman, C. B. McGibbon, D.

## HONOURS IN PHARMACOLOGY.

Van Wart, R. McL., B. A. Campbell, J. A. E., B. A. Christie, F. J.

5 Christie, F. J.
4 Manchester, J. W.
5 Mason, L. D., B. A.
6 Morse, W. R., B. A.
7 Dixon, J. D.
Ritchie, C. F.
9 Moflatt, G.
Morse, G. R.
11 McNeill, J. F.
{ Ship, M. L., B. A.

13 Mothersill, G. S. McKee, W. E. McKenzie, J. B., B. A.

Anchenzie, J. B., B. A.

16 {Codrington, R. F., Folkins, H. G.

18 {Bishop, L. C. McGibbon, S. Eastman, E. B. Gardiner, W. A., B. A.

20 {Green, F. W. Smith, T. W. Walker, H. Jr. Williams, R. G.

Williams, R. G.

## HONOURS IN CHEMISTRY.

1 VanWart, R. McL., B. A.

2 McLaughlin, E. M. 3 McGibbon D

4 Turner, G. H.

5 McNeill, J. F. 6 Warren, J. G.

7 Christie, F. J.

8 Paterson, R. C., B. A.

9 5 Morse, G. R. Williams, R. G. 11 Menzies, J. E.

12 Eastman, E. B.

13 McKenzie, J. B., B. A. Campbell, J. A., B. A. Gardiner, W. A., B. A 14 Moffatt, G. Palmer, G. H. Tracey, E. A., B. A.

## PASS LIST.

ALL SUBJECTS.

The following gentlemen, 77 in number have completed their Second Year examinations, which comprise the following subjects: Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Practical Physiology, Histology and Materia Medica:

Ames, A. C. Baillie, S. A., B.A Bayfield, T. F. Bishop, L. C. Borden, H. L., B.A. Byers, J. R. Campbell, J. A. E., B.A. Carter, W. L., B.A. Christie, F. J. Codrington, R. F. Colby, J. C., B.A. Coleman, C. E. Cox, R. B. Crang F. W. Crozier, J. A., B.A. Cullen, W. H. Curren, L. M. Dalton, C. H. Dixon, J. D. Douglass, F. C. Eastman, E. B. Evans, S. Folkins, H. G. Forster, J. F. C. Gardner R. J. Gardner R. L. Gardner W. A., B.A. Green, F. W. Harris, L. C. Henry, C. M. Hopkins, C. W. Johnson, G. R., B.A Johnson, J. A., B.A. Jones, J. H, Jones, S., B.A. Lawlor, F. E. Learmonth, G. E. Leney, J. M., B.A. Lidstone, A. E.

MacKinnon, G, E. L. MacLaren, A. H., B.A. MacNaughton, J. A. MacNeill, J. W. McDonald, C. A. McDonald, E. E. McDonald, P.A., B.A. McGibbon, S. McKee, W. E. McNeill, J. F. Manchester, J. W. Mason, E. G. Mason L. D., B.A. Menzies, J. E. Miller S. Moffatt, G. Moore. J. C., D.V.S. Morrison, J. F. Morse W. R., B.A. Motherstill, G. S Niven, J. K. Palmer, G. H. Paterson, R. C., B. A. Peters, O. R. Pickard, L. N. Pratt, C. M. Saunders, W. E. Shaw, D. LeB Ship, M. L., B.A. Smith T. W. Thomas, J. W., B.A. Tolmie, J. A. Townsley, R. H. VanWart, R. McL., B.A. Walker, H. Jr. Warren J. G. Wood, I. H. Wiggin, W. J.

In addition to those whose names appear in the above list, having passed in all the subjects of the second year, the following have passed in:

#### MATERIA MEDICA

Anthony, T. B.
Arnold, D. R., B. A.
Blair, A. K.
Boyd, R. M.
Cantlie, F. P. L.
Carnochan, W. L. C.
Dickson, W. H.
Dorion W. A.
Dowson, C. K.
Ferguson, W. H.
Giles, G. N.

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Halliday, J. Le R.
Hart, F. W., B.A.
Horsfall, F. L.
Hyatt, E. A., B. Sc.
Irwin, F.
Jones, N. C.
McGibbon, D.
McGrath, R. H.
McKenzie, J. B., B. A.
Martin, H. E.
Mason, F. C.

Morse, G. R.
Netten, P. E.
Pilot, F. W. H.
Ritchie, C. F.
Robertson, J. J.
Stockwell, H. K.
Stowell, F. E.
Tracy, E. A., B. A.
Williams, R. G.

#### HISTOLOGY

Anthony, T. B.
Arnold, D. R., B. A.
Blair, A. K.
Blair, A. K.
Blair H. G. F.
Boulter, J.H.
Boyd, R. M.
Carnochan, W. L. C
Delaney, M.
Donovan, J. B.
Dorion, W. A.
Dowson, C. K.
Ferguson, W. H.
Ford W.—S.
Giles, G. N.

Gilmour, C. K.
Grant, W. W.
Halliday, J. Le. R.
Hart, F. W., B. A.
Horsfall, F. L.
Hyatt, E. A., B. Sc.
Irwin, F.
Jones, N. C.
Macdonald, A. A.
McEwan, J. R.
McGibbon, D.
McGrath, R. H.
McKenzie, J. B., B. A.
McPherson, T.

Martin, H. E.
Mason, F. C.
Mason, F. C.
Mitchell, I. E.
Morse, G. R.
Ness, W.
Netten, P. E.
Pavey, H. L.
Pilot, F. W. H.
Roberts, A. B.
Stockwell, H. K.
Strong, N. W.
Stowell, F. E.
Tracy E. A. B. A.
Williams, R. G.

#### PRACTICAL CHEMISTRY

Anthony, T. B.
Blair, H. G. F.
Blake, J. J.
Boyd, R. M.
Carnochan, W. L. C.
Crowell, B. C.
Dorion, W. A.
Gilmour, C. R.
Halliday, J. Le. R.
Horsfall, F. L.

Hutchinson, J. W.
Hyatt, E. A., B. Sc.
Macdonald, A. A.
McGibbon, D.
McGrath, R. H.
McKenzie, J. B., B. A.
McLaughlin, E. M.
Martin, H. E.
Moore, P. T., B. A.
Morse, G. R.

O'Brien, C. W.
Pavey, H. L.
Rawlings, W. T.
Roberts, A. B.
Robertson, J. J.
Scott, W.
Turner, G. H.
Tracy, E. A., B. A.
Williams, G. R.
Winder, J. B., B. A.

#### ANATOMY

Anthony, T. B.
Blair, H. G. F.
Cantlie F. P. L.
Featherston, H. C.

Giles, G. N.
Irwin, F.
McGrath, R. H.
McKenzie, J. B., B.A.

Morse, G. R. Pavey, H. L. Roberts, A. B.

#### PHYSIOLOGY

Anton, D. L. S.
Arnold, D. R. B.A.
Blair, A. K,
Boire, W. E.
Boyd, R. M.
Briggs, J. A.
Dorion, W. A.
Featherston, H. C.
Ferguson, W. H.
Giles, G. N.

Grant, W. W.
Hart, F. W., B.A.
Horsfall, F. L.
Hyatt, E. A., B.Sc.
Irwin, F.
Jones, N. C.
Lomas, A. J.
Macdonald, A. A.
McGibbon, D.
Martin, H. E.

Ness, W.
Pavey, H. L.
Roberts, A. B.
Stockwell, H. K.
Stowell, F. E.
Tracy, E. A., B.A.
Taylor, D. A.
Williams, R. G.

#### CHEMISTRY.

Anthony, T. B.
Blair, H. G. F.
Boyd, R. M.
Crowell, B. C.
Cumming, W. G.
Dorion, W. A.
Ferguson, W. H.
Giles, G. N.
Halliday, J. LeR.
Hart, F. W., B.A
Hyatt, E. A., B.Sc.

Irwin, F.
Macdonald, A. A.
McGibbon, D.
McGrath, R. H.
McKenzie, J. B., B.A
McLaughlin, E. M.
McPherson, T.
Martin, H. E.
Mason, F. C.
Morse, G. R.
Ness, W.

Netten, P. E.
O'Brien, C, W.
Pavey, H. L.
Pilot, F. W. H.
Robertson, J. J.
Stockwell, H. K.
Stowell, F. E.
Tracy, E. A., B.A.
Taylor, D. A.
Turner, G, H., B.A.
Williams, R. G.

#### FIRST YEAR

## PRIZES AND HONORS.

Mommm

FIRST YEAR PRIZEMAN,
W. E. NELSON OF MONTREAL, QUE.

JUNIOR ANATOMY PRIZE,

N. D. PARRIS OF BARBADOES, W. I.

## HONOURS IN ALL SUBJECTS

		9
Nelson, W. E.	13	Turner, G. H., B. A.
Cowperthwaite, H. H.	14	Rehfuss, W. N.
Anderson, C. W. B. A.	15	Church H. C.
Parris N. D.	16	Steeves, E. O.
McLaughlin, E. M.	17	Thomas, S. B.
McKechnie, D. W.	18	English J M
McLaren, D. D.	19	Peterson, G. R.
Montgomery, C. H.	20	Brown, I. E.,
Laurie, E., B. A.	21	Ells, R. H., B. A.
(Burns, A. S., B. A. McCulloch, J. M. Secord, W. H.	22	Langsford, A. W.
	Cowperthwaite, H. H. Anderson, C. W. B. A. Parris N. D. McLaughlin, E. M. McKechnie, D. W. McLaren, D. D. Montgomery, C. H. Laurie, E., B. A.	Cowperthwaite, H. H. 14 Anderson, C. W. B. A. 15 Parris N. D. 16 McLaughlin, E. M. 17 McKechnie, D. W. 18 McLaren, D. D. 19 Montgomery, C. H. 20 Laurie, E., B. A. 21

#### HONOURS IN ANATOMY

			TIONII
1	Freeze, E. H. Rehfuss, W. N.	(Br	ooks, J. E., B. A. glish, J. M.
3	Parris, N. D. Steeves, E. O.	14 { Fo Mc	rbes, R. D. Laren, D. D.
5	McKetchnie, D. W., Slack, M. R. Truax, W.	Str	lson, W. E. long, N. W. lown, I. E.
8	Magee, C. F.	Lai Ma	ngsford, W. A.
9	Ells, R. H. McLaughlin, E. M. Shillington, R. N. W.	Ma	cKenzie, W. A. by, W. J. ith, C. M.
12	Thomas, S. B.		, 0. 11.
13	McCulloch, J. M.		

## HONOURS IN PHYSIOLOGY

		TTA	FIL	I STULUGY.
1	MacKenzie, J. B.			
	(Anderson, C. W., B. A.		19	Burns, A. S., B. A. Thomas, S. B.
2	Cowperthwaite, H. H.		01	(Ebbett L P B
	McLaughlin, E. M. Parris, N. D.		21	Ebbett, L. P. B. Patch, F. S., B. A,
1		+		(Ells, R. H.
6	Hardisty, R.		23	Magee C F
7	Church H. C.			(Seifert, F. W.
*	Turner, G. H., B. A.,		26	Lyman, W. S.
9	Secord, W H		27	Campbell, W. G.
	(English, J. M.			(McCulloch, J. M.
10	McEwan, J. R.		28	Montgomery, C, H.
70	(Nelson, W. E.			Wilson, C. E.
13	Allan, R. H.		07	
14	Laurie, E., B. A.		31	Langsford, A. W. McEachern, I. W. T.
15	McKechnie, D. W.		33	Morris, S. C.
	McLaren, D. D.		34	Munroe, H. E.
17	( Morse, G. R.		35	Peterson, G. R.
	Rehfuss, N. W.			Total Son, G. N.

#### HONOURS IN CHEMISTRY.

THE PROPERTY OF THE PARTY OF TH

	HUNDUKSIN	CII	LIMIL
1	Nelson, W. E.,		McEachern, I. W. T.
2	Cowperthwaite, H. H.		Lyman, W. S. McKechnie, D. W. Steeves, E. O.
-	(McLaughlin, E. M.	15	Steeves, E. O.
	Montgomery, C. H.	10	Peterson, G. R. Teitelbaum, T. A.
	Turner, G. H., B.A. Wilson, C. E.	18	
7	Secord W. H.	20	McCulloch, J. M.
	(Austin, J. B.	21	Lynch A. L. Park, A. W.
8	Brown, I. E. Ells, R. H., B.A.	21	Parris, N. D.
		24	Chaplin, H. L. S.
11	Burns A. S., B. A. Church, H. B.		Laurie, E., B. A.
	(Langsford, A. W.	26	Anderson, C. W., B.A.

#### HONOURS IN BIOLOGY.

	2202100210	The state of the s	
1	O'Neill, J. M. (Burns, A. S., B.A. (Cowperthwaite H. H.	12	Laurie, E. B. A. Thomas, S. B. White, S. G.
2	(Nelson, W. E. (Anderson, C. W., B. A.		Freeze, E. H. Montgomery, C. H.
5	McLaren, D. D. Patch, F. S., B. A.	17	Dickson, A. J., B. A. Peterson, G. R.
8	{ Bailey, G. W. { McCulloch, J. M. { Rehfuss, W. N. { Secord, W. H.	20	(Steeves, E. O. MacDonald, R. St. J., B.A.

#### HONOURS IN HISTOLOGY.

McCulloch J. M. McLaren, D. D. Montgomery, C. H. Rehfuss, W. N.	Allum, A. W. Boyd, O. Ells, R. H. 23 { English, J. M.	
Kerr, H. H. Anderson, C. W. Church, H. C.	Laurie, E., B. A. Lynch, A. L. Thomas, S. B.	
Hansen, N. C., M. A. McDiarmid, C. A.	30 {Nelson, W. A. Patch, F. S. B. A.	
McIntosh, H. H. Murray, J. S. Park, A. W.	Brown, I. E. Burns, A. S., B.A. Forbes, R. D.	
Parris, N. D. Slack, M. R. Tetelbaum, T. A. Turner G. H., B. A. White P. G.	Inksetter, F. S. Langsford, A. W. McKechnie, D. W. McLaughlin, E. M. Morris, S. C.	
Cary, W. H. Cowperthwaite, H. H. Frost, A. C. Hardisty, R. H. M. Kissane, J. W.	(Shillington, R. N.	W

#### HONOURS IN PRACTICAL CHEMISTRY.

HONOURS IN	PRACTICAL CHEMIS
1 Campbell, W. G.	18 Dickson, A. J., B. A.
1 Forbes, R. D.	(Donnelly W. H.
(Brown, I. E.	Kerr, H. H.
Frost. A. C.	MacDiarmid, C. A. 19 McEachern, I. W. T.
Humphrey, G. A.	Manion, W. T.
E Laurie, E. B. A. Lynch, A. L.	Morris, S. C.
Nelson, W. E.	
(Ebbett, L. P. B.	Steeves, E. O. White, P. G.
Wissane J W	
9 Maby, W. J.	(McGeachy, J. A. M. McIntosh, H. H.
Peterson, G. R.	Markson, S.
13 McKechnie, D. W.	(Freeze E. H.
(Anderson, C. W., B. A.	30 McLaughlin, E. M.
14 Cary, W. H.	(McNeil, W.C.
Horstan, F. L.	(Secord, W. H.
(Magee, C. F.	White, S. G.

#### PASS LIST.

#### ALL SUBJECTS.

The following students, 91 in number have passed the examination in all the subjects of the First Year, viz: Anatomy, Chemistry and Physics, Physiology, Histology, Biology and Practical Chemistry

MacKenzie, W. A.

tical Chemistry. Alexander, J. H. Allan, R. H Allum, A. W. Anderson, C. W., B.A. Anthony, T. B. Auston, J. B. Arnold, D. R., B.A. Bishop, G. A. Boyd O. Briggs, J. A. Brown, I. E. Burns, A. S., B.A. Campbell, W. G. Carter, W. LeM., B.A. Church, H. C. Cowperthwaite, H."H. Crosby, P. C. Cumming, W. G., B.A. Dickson, W. H. Donnelly, W. H. Ebbett, L. P. B. Elder, R. Ells, R. H., B.A. English, J. M. Forbes, R. D. Forster, J. F. C. Freeze, E. H. Frost, A. C. Gale, M. P. Gardiner, R. J. Gow, R. J. Grant, W. W. Hansen, N. C., M.A. Hardisty, R. H. M., B.A. Hart, F. W. Horsfall, F. L. Hutchinson, J. W. Hyatt, E. A., B,Sc. Kenny, R. W. Kissane, J. W. Langsford, A. W. Laurie, E., B.A. Lundie, J. A, B.A Lyman, W. S.

Lynch, A. L. Macdonald R., St.J., B.A.

McCulloch. J. M. McDiarmid, C. A. McEachern, W. T McEwan, J. R. McGuigon, J. D. McIntosh, H. H. McIntosh, J. A. McKechnie, D. W. McLaren, D. D. McLaughlin, E. M. McPherson, T. Maby, W.J. Magee, C. F. Markson, S. Martin, H. E. Meindl, A. G. Mitchell, I. E. Montgomery, C. H. Morris, S. C. Morse, G. R. Murray, J. S. Nelson, W. E. Ness, W. Park, A. W. Parris, N. D. Patch, F. S., B.A. Peterson, G. R. Puddington, B. A. Rehfuss, W. N. Roberts, A. B. Secord, W. H. Steeves, E.O. Strong, N W. Taggart, E. A. Teitelbaum, T. A. Thomas, S. B. Tracy, E.A., B.A. Truax, W. Turner, G. H., B.A. White P. G. White, S. G. Wilson, A. Wilson, C. E.

In addition to those whose names appear on the above list, as having passed in all subjects of the First Year, the following have passed in:—

#### HISTOLOGY.

Andrews, J. J.
Bromley, J. E.
Brooks, J. E., B.A.
Cary, W. H.
Chaplin, H. L.
Doyle, F. H., B.A.
Eaton, F. C.
Gillis, J. H.
Gilmour, C. R.

Inksetter, F. S. Kearns, D. A. Kerr, H. H. MacCallum, J. D. G. McGeachy, J. A. McI. McGrath, F. C. Maillet, H. A. Nathan, D. Nelson, J. S.
O'Brien, C. W., B.A.
Pilot, F. W.
Scott, W.
Shillington, R. N. W.
Sibbald, J. P. M.
Slack, M. R.
Winder, J. B., B.A.

#### ANATOMY.

Andrews, J. J.
Bailey, G. W.
Bromley, J. E.
Brooks, J. E., B.A.
Boulter, J. H.
Cary, W. H.
Chamberlain, H. B.
Dickson, A. J., B.A.
Doyle, F. H., B.A.

Gillis, J. H.
Lamb, W. V.
MacNeill, A. L. H.
McDonald, S., B.A.
McGrath, F. C.
McNeill, W. C.
Munro, J. H.
Munroe, H. E.
Nathan, D.

O'Brien, C. W., B.A. Oliver, C. J. Rousseau, J. A., B.A. Saunders, T. H. Seifert, F. W., B.A. Shillington, R. N. W. Slack, M. R. Smith, C. M. Winder, J. B., B.A.

#### PHYSIOLOGY.

Anderson, R. J. R.
Andrews, J. J.
Bailey, G. W.
Brooks, J. E., B.A.
Cary, W. H.
Chaplin, H. L.
Delaney, M.
Doyle, F. H., B.A.
Kearns, D. A.

Kerr, H. H.
Lamb, W. V.
MacNeill, A. L. H.
McGeachy, J. A. McI.
McGrath, F. C.
McKenzie, J. B.
Munro, J. H.
Munroe, H. E.
Nathan, D.

Nelson, J. S.
O'Brien, C. W., B.A.
O'Neill, J. M.
Pllot, F. W.
Scott, W.
Scifert, F. W.
Slack, M. R.
Smith, C. M.
Sweeney, J. L., B.A.

#### CHEMISTRY.

Bromley, J. E. Cary, W. H. Chaplin, H. L. Gilmour, C. R. Hewitt, T. J. Inksetter, F. S. Kerr, H. H. Lamb, W. V.

MacNeill, A. L. H.
McGeachy, J. A. McI.
McGillis, J. D.
McGrath, F. C.
McNeill, W. C.
Munro, J. H,
Munroe, H. E.

Nelson, J. S. Oliver, C. J. O'Neill, J. M. Pilot, F. W. Rousseau, J. A., B.A. Saunders, T. H. Smith, C. M.

## PRACTICAL CHEMISTRY.

Andrews, J. J.
Bailey, G. W.
Blair, A. K.
Bromley, J. E.
Bulmer, A. M.
Cary, W. H.
Chamberlain, H. B.
Chaplin, H. L.
Dickson, A. J., B.A.
Gillis, J. H.
Hewitt, T. J.
Humphrey, G. A.
Inksetter, F. S.

Kerr, H. H.
Lamb, W. V.
MacCallum, J. G. D.
MacNeill, A. L. H.
McDonald, S., B.A.
McGeachy, J. A. McI
McGillis, J. D.
McGrath, F. C.
McNeill, W. C.
Manion, W. T.
Munro, J. H.,
Mnnroe, H. E.
Nathan, D.

Nelson, J. S.
Oliver, C. J.
Oliver, J. A.
O'Neill, J. M.
Pilot, F. W.
Roussean, J. A., B.A.
Saunders, T. H.
Seifert, F. W., B.A.
Shillington, R. N. W.
Sibbald, J. P. M.
Slack, M. R.
Smith, C. M.
Sweeney, J. L., B.A.

#### BIOLOGY.

Anderson, R. J. R.
Andrews, J. J.
Bailey, G. W.
Bromley, J. E.
Brooks, J. E., B.A.
Cartwright, C.
Chamberlain, H. B.
Chaplin, H. L.
Dickson, A. J., B.A.

Gillis, J. H.
Gurd, R. D.
Kearns, D. A.
Kerr, H. H.
Lamb, W. V.
MacNeill, A. L. H.
McDonald, S., B.A.
McGeachy, J. A., McI.
McGillis, J. D.

Munro, J. H.
Munroe, H. E.
Nelson, J. S.
O'Brien, C. W., B.A.
O'Neill, J. M.
Selfert, F. W., B.A.
Slack, M. R.
Smith, C. M.
Wood, C. D.

## DIPLOMA OF PUBLIC HEALTH.

The following graduates in Medicine having fulfilled all the requirements of the course in Public Health received the Diploma of the Faculty:

W. W. Ford, B. A., M.D. J. E. Laberge, M.D.

H. S. Shaw, M.D. J. A. Williams, M.D.

## EXAMINATION PAPERS.

## UNIVERSITY EXAMINATIONS.

SESSION, 1899-1900.

BOTANY.

FIRST YEAR.

**DECEMBER 16тн, 1899.** 

ONE HOUR.

The candidate will answer three questions only, of which the first must be one.

- 1. Describe fully, the structure of Pleurococcus vulgaris.
- 2. Give as full an account as you can of some of the more essential characteristics of cytoplasm as illustrated by
  - (a) Sensitiveness.
  - (b) Power of movement.
  - (c) Relation to temperature.
  - 3. Show to what extent division of labor is carried in
    - (a) Saccharomyces.
    - (b) Spirogyra.

and show how it is performed in each case.

- 4. Give a full account of the process of starch formation in plants and show how this function is related to
  - (a) The support and development of animal life.
  - (b) The nutrition of the plant body.
- (c) Its general relation to the development of higher forms of life in point of time.

#### ELEMENTARY BIOLOGY EXAMINATION.

CHRISTMAS, 1899.

Part I. ZOOLOGY.

SATURDAY, DEC. 16TH: -- 9 TO 11 A.M.

Examiner, ..... Prof. E. W. MacBride.

Only six questions are to be attempted.

- 1. Explain exactly what is meant by "excretion." How is this function carried out?
  - (a) in Amoeba,
  - (b) in the Worm.
  - (c) in the Dog-fish.
- 2. Describe carefully and in detail the manner in which reproduction is carried out in Hydra. Tell what you know about the meaning of the process which you describe.
- 3. Describe carefully the cells which effects the movements of the worm; show how their arrangement is related to the various movements produced. Compare the principal movements of a worm with those of a dog-fish.
- 4. Define the terms "digestion," "absorption," "assimilation," and state how the processes thus denominated are carried out.
  - (a) in Paramoecium,
  - (b) in Hydra.
  - (c) in the Dog-fish.
- 5. What do you understand by the term "coelom? Give a brief account of the history and fate of this organ.
  - (a) in the Worm,
  - (b) in the Dog-fish.
- 6. Describe the principal sense organs of the dog.fisn, pointing out in what relation they stand to the central nervous system, and explaining what you know about their functions. What means exist for the reception of stimuli in the worm and hydra?
- 7. Define the terms "jelly," "blood," and "connective tissue." Show how they are related to one another, and enumerate and describe the different modifications of connective tissue found in the dog-fish.

8. What exactly is meant by the term "peripheral nerve?" Of what elements are these organs made up? Compare their development in the worm and the dog-fish.

#### PRIMARY EXAMINATIONS IN ANATOMY.

Макси 17тн, 1900.

Examiners, ...... { PROF. F. J. SHEPHERD, M.D. LECT. J. M. ELDER, M.D. LECT. J. A. SPRINGLE, M.D.

Candidates are required to answer four questions only, including the first two.

- 1. Give the dissection necessary to expose the right kidney from behind.
- 2. Name in proper order the structures it is necessary to remove to expose the occipital artery.
- 3. Give the origins and insertions of the muscles supplied by the motor root of the fifth nerve.
- 4. Describe the structures found in the floor of the lateral ventricle of the brain.
- 5. Describe the upper third of the Tibia and give the origins, actions, and nerve supply of the muscles attached.
  - 6. Describe shortly the male urethra.
  - 7. Cause and relations of the common bile duct.

#### FIRST YEAR.

#### EXAMINATION IN CHEMISTRY.

Мау 26тн, 1900.

Examiners, ...... { Prof. Girdwood. "Ruttan.

- 1. Describe the process of taking the specific gravity of (a) a solid, (b) a liquid, (c) a powder insoluble in water. What is a Hydrometer and for what purposes is it used?
- 2. Define the terms (a) Specific heat, (b) Latent heat, (c) Atomic heat. How may the equilibrium of heat be restored? Convert 115°F into corresponding temperature in Centigrade & Reamur's scales and 50° Centigrade into Farenheit scale.

3. Describe the varieties of lenses; show by diagram the action of each on light.

What are Frauenhofer's lines? How are they produced? What are absorption spectra?

4. What do you understand by static electricity and dynamic electricity?

Trace the working of an induction coil. What is Farradic electricity?

- 5. Define the words, base, salt, atomic weight, molecular weight and equivalent weight. What are the laws of chemical union?
- 6. Give an account of the occurrence in Nature of Oxygen: give two methods of its preparation, state its properties. What are its principal compounds with Hydrogen.
- 7. What is Chlorine? Where is it found? How may it be prepared? Give equations. Prove the composition of Hydrochloric acid HCl, describe its properties?
- 8. How can you demonstrate that I of Hydrogen by weight is equal to 32.5 by weight of Zinc or 23 of sodium? and that 35.5 of Cl by weight is equal to 8 by weight of Oxygen.

# FIRST YEAR. PHYSIOLOGY.

MAY, 1900.

(Write on five questions only.)

- 1. (a) Describe the changes occurring during a muscular contraction. (b) Draw diagrams illustrating:—1. Simple contraction.

  2. Tetanic contraction.
- 2. Describe the nervous control of the blood vessels, giving a brief account of the depressor nerve.
- 3. Describe the alterations in pressure within and without the lungs during the movements of respiration. What effects have they on the blood-pressure.

- 4. Distinguish between plasma, serum, and lymph. Write an account of the origin, functions and course of lymph.
- 5. (a) Starch, (b) lean meat, describe digestion and absorption of one of the above.
  - 6. Draw a diagram of the typical spectrum of oxy-haemoglobin. With what other spectrum is it most easily confounded. State how you would distinguish, making practical application.

#### SECOND YEAR.

#### HISTOLOGY.

DECEMBER 20тн, 1899: - 4 то 6 р.м.

Examiners,..... PROF. G. WILKINS. N. D. GUNN.

- 1. Describe the various tissues over which the urine passes, commencing at the escape of its watery element from the blood and terminating at its exit from the body; the varieties of epithelium to be included in the description.
  - 2. Describe and explain the structure of the Spleen.
  - 3. Describe, and draw a section of Thyroid Gland.
- 4. Compare cross section of cervical region of cord with one through centre of Medulla Oblongata.
- 5. Describe the gray matter of Cerebrum and Cerebellum, with a description of various kinds of Ganglion Cells.

#### SECOND YEAR.

#### EXAMINATION IN CHEMISTRY.

MAY 28TH 1900.

#### Examiners,

PROF, GIRDWOOD, RUTTAN.

- 1. Describe diffusion, Osmosis and Dialysis. What is meant by osmotic pressure?
- 2. Give formula for correcting the volumes of a gas measurement—at ordinary temperature and whatever may be the pressure at the time and place of experiment. What effect would going up a high mountain have on boiling water?

- 3. Write a short account of the chemistry of hydrogen peroxide, sulphur dioxide and carbon monoxide.
- 4. Calculate the Volume of H2 S normal temperature and pressure required to precipitate the lead in 100 c. c. c. of a 10% solution of lead acetate Pb. = 207 S. = 32.
- 5. Show by equations the action of Hydrochloric Acid on (a) Iron (b) Manganese dioxide (c) Acid sodium carbonate (d) Ethylamine (e) Propyl alcohol.
- 6. Describe two methods of preparing (a) Chloroform (b) Sulphuric Ether (c) Urea (d) Formic Aldehyde (e) Phenol. Give the properties of any two of these substances.
- 7. By what reactions can Chlorot and Allyl alcohal be prepared from Methane?
  - 8. Give a short account of the important etherial salts of glycerine.

#### SECOND YEAR.

#### PHYSIOLOGY.

MAY 1900.

Examiners,

DR. W. S. MORROW.

'' J. W. SCANE.

'' A. A. ROBERTSON.

- 1. Explain briefly the following terms:—(a) Somatopleure (b) Chorion (c) Serum (d) Nucleo-proteid (e) Latent period (f) Inhibition.
- 2. Discuse the cause and nature of the heart beat and state how it may be modified in rate and force.
- 3. State the proportion of Oxygen and Carbon dioxide in inspired and expired air and in veneous and arterial blood. Discuss the nature of the process by which the interchange of cases takes place in the lungs.
- 4. Enumerate the principal substances formed in the intestines from proteid food (a) by the action of pancreatic juice, (b) by the action of micro-organism (e) by the cells of the intestinal wall during absorption.
- 5. State the origin, course, and destination of the fibres passing through the pes or crusta of the crus cerebri.
- 6. Explain the embryological origin of the retina and tell what you know about its functions.

#### PHARMACOLOGY AND THERAPEUTICS.

MAY 31st 1900.

Examiners,

{ PROF. A. D. BLACKADER. DR. R. A. KERRY.

- 1. State what you understand by the following terms:—Emulsion; Volatille oil: Alkaloid: Decoction: Tincture.
- 2. Describe any three of the following drugs, giving their physiological action; name their official preparations:—Camphor, Chloral hydrate, Nux vomica, Colchicum corm, Ipecacuanha Squill.
- 3. Describe the action on the urinary secretion of Digitalis Benzoic acid, Potassium citrate, Buchu leaves.
- 4. Name the specimens shown to you and state their official preparation.

# FACULTY OF MEDICINE. THIRD YEAR EXAMINATIONS, 1900. GENERAL PATHOLOGY.

THURSDAY, MARCH 22ND, 1900:-

The second secon	PROF. J. G. ADAMI, M.A., M.D.
	" A. G. Nichols, M.D.
Examiners, 3	"D. P. ANDERSON, M.D.
	" D. D. MACTAGGART, M.D.

Begin each answer on a separate sheet.

1. Give a classification of the Leucocytes which may be found in the blood.

How are the leucocytic contents of the blood affected (qualitatively and quantitatively) in the following conditions:—

- (a) Acute Iobar Pneumonia. (b) Typhoid fever. (c) After Haemorrhage. (d) Hodgkin's disease. (e) Spleno-medullary Leuchaemia. (f) Trichinosis. (g) Pyaemia. (h) Pernicious Anaemia?
- 2. Discuss briefly how far the following are factors in the production of the blastomata or tumours proper: (a) Age. (b) Heredity. (c) Injury. (d) Infection.

- 3. What processes occur during the period of incubation of an infectious disease? How do you explain the process of recovery from an acute infectuous disease?
- 4. In "collapse" the blood is of higher specific gravity: in shock its specific gravity tends to be lowered. How does this statement bear upon the essential difference in the nature of these two processes?
- 5. Discuss the statement that conditions acquired by one or other parent are not transmitted to the offspring, illustrating your answer by references to mutilations, syphilis, tuberculosis and lead poisoning in the parent, and their effects.
- 6. Classify the conditions under which calcareous infiltrations take place. Describe, with diagrams, the succession of changes occurring in an artery ending in the production of Atheroma.
- 7. (a) What is a Thrombus? (b) What are the conditions favouring the development of the same. (c) What the processes which may occur in its formation. (d) What changes which may take place in it when formed?

#### THIRD YEAR.

#### MEDICAL JURISPRUDENCE.

MONTREAL, MARCH 23RD, 1900.

Examiners, ..... Prof. Geo. Wilkins, M.D.

- 1. What are the symptoms of poisoning from Strychnine? How may the size of fatal dose affect the onset of rigor mortis? How would you treat a case? What are the differences in symptoms between traumatic tetanus and strychnia poisoning?
- 2. What is adipocere? Explain its function and the circumstances modifying such.
- 3. How would you determine that death was actually caused by drowning? In what manner would the time of examination after removal from the water modify the P. M. appearances of the recently drowned?

Relate the evidence necessary on the part of the Medical Jurist to prove that a child was alive or dead at birth.

## THIRD YEAR.

#### HYGIENE.

Млу, 29тн 1900.

Examiners, ...... PROF. R. CRAIK, "R. F. RUTTAN, WYATT JOHNSON

- 1. What are the natural forces concerned in ventilation? How much fresh air per hour must be supplied to a room 40 by 25 by 12 feet, containing 20 persons, so that the carbon dioxide will not exceed. 7 parts per thousand?
- 2. How would you detect traces of Arsenic in paper traces of lead in drinking water; traces of corrosive sublimate?
- 3. Describe how Chlorine is estimated in drinking water. Discuss the sanitary value of this determination.
- 4. Name the chief methods employed for the ultimate disposal of the sewage of a town and discuss the dangers of each,
  - 6. Give concise rules regulating (a) exercise. (b) sea-bathing.
- 7. What are the usual effects on the system of (a) High altitude.
  (b) Warm, moist insular climate? By what patients should each be avoided?
- 8. Describe some of the methods of disinfection in connection with contageous disease stating the advantages, disadvantages and cost of each.
- 9. Mention the measures necessary to prevent the spreading of Cholera, Thyphus, Plague on shipboard, also of tuberculosis in a herd of cattle.

## THIRD YEAR. HYGIENE.

#### EXAMINATION IN BACTERIOLOGY.

JANUARY 20TH, 1900.

Examiners.... PROFESSOR J. G. ADAMI, PROFESSOR WYATT JOHNSTON AND H. B. YATES.

1. A somewhat fatal epidemic disease visits a community, how would you proceed bacteriologically to determine its cause? If you found one microbe constantly or frequently associated with the cases, how would you make sure that this was the specific microbe of the disease.

- 2. What, stated briefly, do you know concerning the bacteria of the venerial diseases of man?
- 3. State what you know concerning, (1) the microbe associated with Typhoid Fever; (2) the distribution of the same in the human patient; (3) outside the body, and (4) the prevention of the disease.
- 4. Describe briefly (1) the Bacillus of Tuberculosis and its characteristics; (2) the modes of injection in man (in the order of frequency) and (3) the bacilli which may be mistaken for it and a differential diagnosis from the same.

#### PHARMACOLOGY AND THERAPEUTICS.

#### THIRD YEAR.

MAY 31st, 1900.

# Examiners, ...... PROF. A. D. BLACKADER, DR. R. A. KERRY.

- 1. State the various ways in which the following drugs may be directed to be dispensed, and write illustrative prescriptions: Oleum morrhuæ, copaiba, bismuthi subnitras, pulvis japapæ compositus, extractum colocynthidis compositum.
- 2. Discuss the action on the circulation of digitalis, caffeine citrate, alcohol, acomite, and state briefly the more important conditions indicating their administration.
- 3. Compare the action of Rhubarb, jalap, magnesium sulphate on the intestinal canal.
- 4. For what therapeutical purposes may the following drugs be employed: Potassium iodide, Atropine sulphate, Sodium salicylate, Squills? Write illustrative prescriptions.
- 5. State the toxic symptoms that may arise during the administration of Mercury, Arsenic, Potassium bromide.

#### THIRD YEAR.

#### MENTAL DISEASES.

June 4th, 1900.

Examiner, ..... Dr. T. J. W. Burgess.

- 1. Mention the acts which are commonly indicative of insanity.
- 2. What measures are best adapted to ward off insanity in those inheriting a neurotic diathesis?

- 3. Distinguish between a typical case of simple melancholia and one of acute mania.
- 4. What are the leading diagnostic points by which acute delirious mania may be differentiated from typhoid fever?
- 5. State the best means to adopt for inducing sleep in mental disorder.

# THIRD YEAR EXAMINATIONS. OBSTETRICS.

June 2nd, 1900.

Examiners,..... PROF. J. C. CAMERON, DR. D. J. EVANS.

- 1. Define Excavation, Inlet, Outlet, Axis, Plane, Conjugate, Biparietal, Presentation, Position.
  - 2. Describe: Menstruation, Conception.
  - 3. What are the signs of pregnancy during first three months?
- 4. What is meant by flexion, extension. What bearing has flexion upon the way in which the foetus presents?
- 5. Describe briefly the mechanism of labor in a normal case of Vertex presentation L. O. A.

#### FOURTH YEAR.

#### OPHTHALMOLOGY AND OTOLOGY.

June 2nd, 1900.

- 1. Describe the function of accommodation and explain the nature of so-called eyestrain.
- 2. What constitutes Traumatic Cataract? Explain its occurrence and state what you know of the management of injuries of the eye complicated by Traumatic Cataract.
- 3. Give the indications for the use of eserine, atropin and nitrat of silver in ophthalmic practice.
- 4. Give the differential diagnoses between Iritis, Acute Glaucoma and Acute Conjunctivitis.
- 5. Diseases of the middle ear in childhood: give examples and describe the best means of prevention and cure in each.

6, Perforations of the drum membrane: (1) What are the signs of this? (2) How does it affect the hearing? (3) How would you treat a case of recent traumatic perforation?

# FOURTH YEAR. MEDICINE.

MAY, 1900.

	(PROF. JAS. STEWART.
	" A. D. BLACKADER.
Examiners,	F. G. FINLEY.
	" H. A. LAFLEUR.
	" C. MARTIN.

- 1. What conditions produce dullness at the base of the right lung? Give fully the physical signs found in each of these.
- 2. Describe the characters of the pulse in the various forms of cardiac disease. Trace the clinical course of a case of aortic regurgitation.
- 3. Given, a case of Typhoid Fever in a young adult at the end of the second week of the illness, what are the considerations on which the progmosis is to be based?
- 4. Compare the course of the illness in (a) A patient with atrophic cirrhosis, (b) A patient with hypertrophic cirrhosis of the liver.
- 5. Describe fully the clinical features of three different types (clinical) of Insular Sclerosis, and mention the disease or diseases most likely to be confounded with each type you describe.
- 6. Give fully the treatment of :—(1) a case of minor neuralgia of the same nerve. (2) A case of Major Neuralgia of the same nerve. (3) A case of Sciatica.
- 7. Mention the more unusual manifestations of acute rheumatism-Under what conditions is the liability to cardiac complication increased?
- 8. In the case of a rachitic infant of fifteen months, suffering from an attack of bronchitis, describe fully the dietetic, hygienic and medicinal treatment to be pursued, and give illustrative prescriptions.
- 9. A male, aet 47 years, complained of abdominal pain for two years. The pain was slight and intermittent up to three months before coming under observation, when it became more constant and severe, frequently causing loss of sleep at night.

On examination the patient was moderately emaciated. There were a few pigmented scars about the knees and old iritic adhesions. There

was no obvious abnormality about the thoracic or abdominal viscera, but some deep seated tenderness and a sense of resistance in the epi gastrium. Some weeks later there was a complaint of a girdle sensation at the level of the 12th dorsal segment and of numbness and tingling in the lower extremities. During the next few days weakness and ataxia developed in the legs with retention of urine. The knee jerks were increased and ankle clonus was present. Death occurred unexpectedly, preceded by a violent paroxysm of abnominal pain and symptoms of collapse. Discuss the diagnosis.

## FOURTH YEAR. SURGERY.

JUNE 1ST, 1900.

1. Describe the local appearances and symptoms of a case of advanced Tubercular Disease of the Knee Joint. If operation be decided upon, describe it briefly.

2. Name the Fistula most frequently met in different parts of the body. Describe that form known as Salivary Fistula, and give methods of treatment.

3. Describe briefly, the mode or modes of treatment which your observation would lead you to adopt for the relief and cure of Organic Stricture of the Posterior Urethra.

4. Describe fully the Syphilitic Lesions that may be found on the Tongue.

5. Describe the mode of origin, symptoms and sigus of Cellulitic of the arm. How would you treat a rapidly spreading case which has already extended to the elbow?

6. Outline the clinical history, giving the symptoms and signs of Subacute Intussusception at the end of forty-eight hours in child a year old. How would you treat the case?

7. What conditions call for Gastro-enterostomy? Describe in detail the method you would select in performing the operation?

8. What fractures in the vicinity of the shoulder joint may be mistaken for dislocation? Give diagnostic differences.

9. Give the differential diagnosis of a case of Right-sided Nephrolithiasis.

10. Give briefly the essential points in the Operation of Cholecystotomy, and describe the after-treatment for the first few days-

#### OBSTETRICS.

#### FOURTH YEAR.

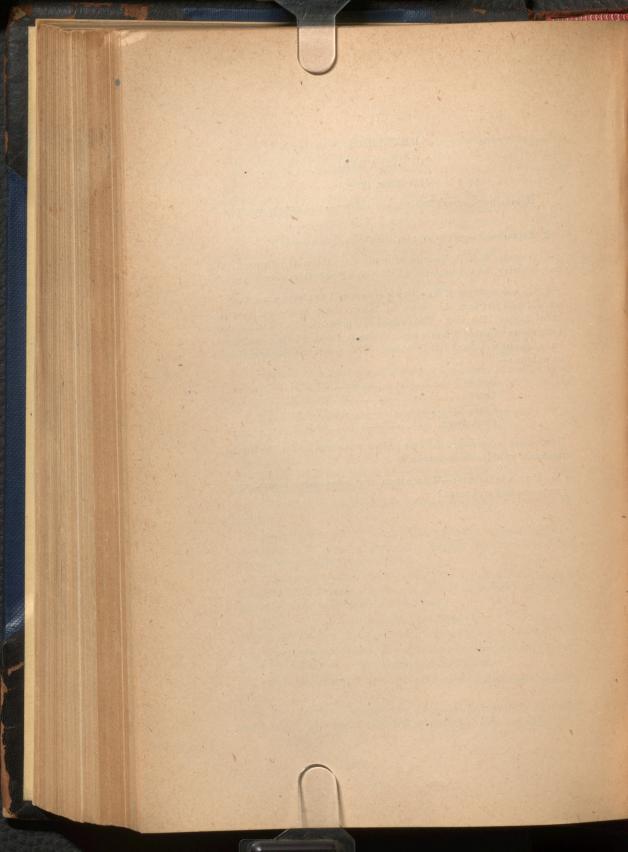
Мау 30тн, 1900.

- 1. Hemorrhage during 2nd stage of Labor:—give causes and treatment.
  - 2. Eclampsia: -give symptoms causes and treatment.
- 3. A case of R.M.P. describe fully the mechanism of delivery. In case of delay, what treatment would you adopt? Give your reasons.
- 4. On the morning of May 30th you are call to attend a primapar, aet. 35, who has been 48 hours in labor. Last mentsrual period ended August 11th last. The vertex is presenting in R.O.A. the membranes ruptured 3 hours ago: the os, is about \(^3\_4\) dilate the pains have become weak and less frequent. The pelvic measurements are as follows:—

Spines	24 C.M.
Crests ConjExt	26 C M
ConjDiag	17.5 "

How would you manage the case? Give your reasons for the line of treatment you decide to pursue.

5. Hernia in infants: -What are to the commonest forms, their symptoms and treatment?



# McGILL UNIVERSITY

# FACULTY OF MEDICINE

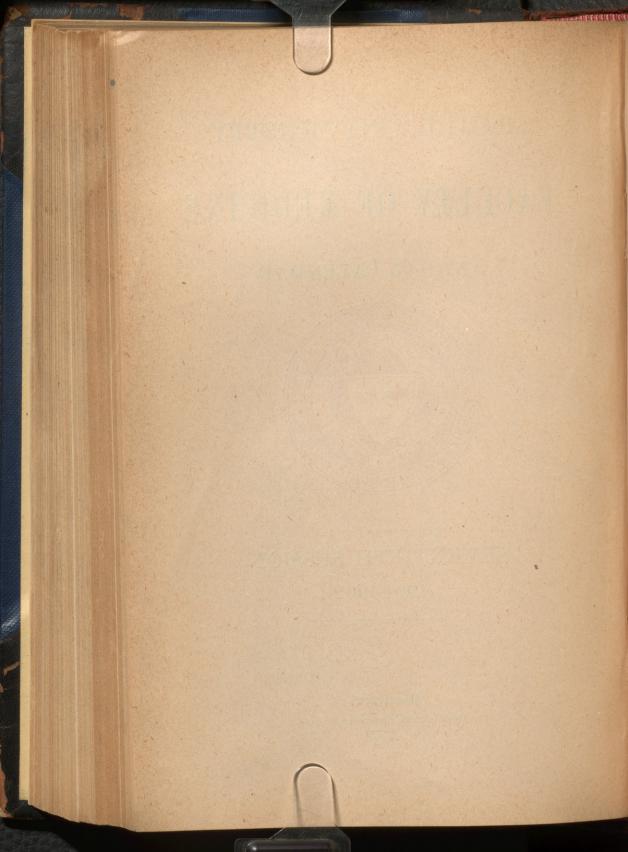
ANNUAL CALENDAR



SEVENTIETH SESSION 1901-1902

Montreal:

THE GAZETTE PRINTING COMPANY.



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# ALMANAC 1901-1902.

7th	Month.	JULY xxxi days.
1	М.	Dominion Day. 1901
2	Tu.	Medical Council P.E.I., Matriculation Exam.
3	w.	Matriculation Exam. C.P. & S., New Bruns- wick (at St. John).
4	Тн.	Registration for Prov. of Quebec, (at Montreal).
5		at Montreal).
6	S.	Meeting of Medical Faculty.
7	S.	
8	M.	
9	Tu.	
10	W.	
11	Тн.	
12	F.	
13	S.	
14	S.	
15	M.	Dr. W. Robertson died, 1844.
16	Tu.	, 2011.
17	W.	Registration in Nova Scotia.
18	Тн.	
19	F.	
20	S.	
21	S.	
22	M.	
23	Tu.	
24	W.	
25	Тн.	
26	F.	
27	S.	<b>"一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个</b>
28	S.	
29	M.	
30	Tu.	
31	W.	Dr. R. L. MacDonnell died, 1891.

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0.1	Conth	AUGUST xxxi days. 1901.
8th A	Ionth.	7,
1	Тн.	
2	F.	
3	S.	
4	S.	
5	M.	Duverney born, 1648.
6	Tu.	
7	W.	
8	Тн.	
9	F.	
10	S.	
11	S.	
12	M.	
13	Tu.	
14	W.	T 1749
15	Тн.	Lavoisier born, 1743.
16	F.	
17	S.	
18		
19		
20		
21		Sir A. Cooper born, 1768.
22		Bit II. Cooper Sora, 1700
-23		
24		
28		6 1 1 1710
20		Goethe born, 1749.
2'		A REPORT OF THE PARTY OF THE PA
2		
2		
3		
3	1 S.	

THE PERSON NAMED IN COLUMN

9	th	Month	SEPTEMBER xxx days. 1901
	1	s.	The second secon
	2	M.	
	3	Tu.	
	4	W.	
	5	Тн.	
	6	F.	
	7	S.	Meeting of Medical Faculty.
	8	S.	
	9	M.	Galvani born, 1737.
10	0	Tu.	
11	ı	W.	Matriculation Exam. Arts and Medicine, McGill Matriculation Exam. C. P. S., New Brunswick.
12	2	Тн.	(Exams. C. P. & S. North West Territories.
13		F.	
14		S.	
15		S.	
16		M.	Register opens for Stade 1 . 15 7.
17		T.	Register opens for Students in Medicine.
18		W.	
19		Тн.	Matric. Exam. Coll. P. & S., Quebec (at Quebec).
20		F.	Meeting of Governors.
21		S.	or develops,
22		S.	
23		M.	Introductory Lecture.
24		Tu.	Lectures begin.
25		W.	
26		Тн.	Registration for Prov. of Quebec (at Quebec).
27		F.	or Sucree).
28		S.	
29		S.	
30		M.	
			一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个

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		8
10th	Month.	OCTOBER xxxi days. 1901.
1	Tu.	{ Medical Matriculation, Manitoba. Medical Matriculation, P.E.I.
2	W.	
3	Тн.	
4	F.	1744 Foundar's day
5	S.	James McGill born, 1744, Founder's day. McGill Medical Society, annual meeting. Meeting of the Medical Faculty.
6	S.	
7	M.	
8	Tu.	Fallopius died, 1562.
9	w.	A. F. Holmes died, 1860.  Meeting of Corporation.
10	Тн.	Registration in Nova Scotia.
11	F.	Sports Day.
12	S.	
13	S.	Reamur died, 1757.
14	M.	Vesalius died, 1564.
15	Tu.	
16	W.	
17	Тн.	Register closes for session, 1901-1902.
18	F.	Register closes for session, 1992
19	S.	Baillie born, 1761.
20		
2	1 M.	Supplemental Exams. begin.
2	2 Tu.	
2	3 W.	
2	4 TH.	
2	5 F.	
2	6 S.	
2	7 S.	- 1 1001
2	8 M.	Lectures began in Montreal Med. Ins. in 1824.
2	29 Tu.	Exams. and Regist'n. C.P.S., British Columbia
6	80 W.	
6	31 Тн.	All Hallows Eve.
		Control of the second s

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01.

111	th Month	NOVEMBER xxx days. 1901.
	F.	
2	S.	Meeting of Medical Faculty.
3		
4	M.	
5		
6		First Lectures delivered in Med. Faculty, 1829.
7		Dr. Geo. Ross died, 1892.
8	F.	
9	S.	Edward VII. born, 1841.
10	S.	
11	M.	Biehat born, 1771.
12	Tu.	
13	W.	
14	Тн.	
15	F.	Meeting of Governors.
16	S.	
17	S.	
18	M.	Sir William Dawson died, 1899.
19	Tu.	Prof'l. Exams. C. P. S., Ont.
20	W.	2, 3, 510.
21	Тн.	
22	F.	
23	S	
24	s.	
25	M.	
26	Tu.	
27	W.	
28	Тн.	
29	F.	
30	S.	
BERLET		

## DECEMBER xxxi days.

1	s.	
2	M.	
3	Tu.	
4	W.	
5	Тн.	
6	F.	
7	S.	Meeting of Medical Faculty.
8	S.	Day Charles and the second of the
9	M.	
10	Tu.	
11	W.	
12	TH.	
13	F.	
14	S.	James McGill died, 1813.
15	S.	
16	M.	Sessional Examinations begin.
17	Tu.	
18	W.	The participant will be a second
19	Тн.	1
20	F.	Meeting of Governors. Autumn term ends.
21	S.	Pott died, 1788.
22	S.	
23	M.	
24	Tu.	A CONTRACTOR OF THE STATE OF THE STATE OF
25	W.	Christmas Day.
26	3 Тн.	Peyer born, 1653.
2	7 F.	
28	3 S.	
29	9 S.	
3	0 M.	
3	1 Tv.	Boerhaave born, 1688.
S Description	The state of the s	

## JANUARY xxxi days

			xxxi days
	1 V	v.	{ New Year's Day. Royal Victoria Hospital opened 1894.
	2 T	H.	de l'actoria Hospital opened 1894.
	3 F	·.	Linacre born, 1460.
	4 S		Meeting of Medical Faculty.
	5 S		- Lacardy.
	6 M	[.	Winter Term begins.
,	7 Tu	J.	Medical Council, P.E.I., Matric. Exams.
8	B W		Exams. C. P. S., North West Territories.
6	TH	1.	, rotal west remiones.
10	F.		
_11	S.		
12	S.		
13	M		
14	Tu		Lower born, 1653.
15	W.		Registration in Nova Scotia.
16	TH.		
17	F.		Meeting of Governors.
18	S.		
19	S.		
20	M.		
21	Tu.		Dr. Wm. Caldwell died, 1883.
22	W.		Queen Victoria died, 1901.
23	Тн.		
24	F.		
25	S.		
26	S.		HISTORY OF THE PROPERTY OF THE PARTY OF THE
27	M.		
28	Tu.		
29	W.	C	harter granted to Mont. General Hospital, 1823.
30	Тн.		
31	F.		
	THE REAL PROPERTY.	THE PERSON NAMED IN	

2nd	Month.	FEBRUARY xxviii days. 1902.
1	S.	Meeting of Medical Faculty.
2	S.	
3	M.	
4	Tu.	Prof. Sutherland died. 1875.
5	W.	
6	Тн.	Willis born, 1622.
7	F.	
8	S.	
9	S.	
10	M.	
11	Tu.	Meeting of Corporation.
12	W.	Ash Wednesday (no lectures).
13	Тн.	1700 T. 1700
14	F.	Laennec born, 1781. John Hunter born, 1728. Prof. Hall died, 1868.
18	S.	Meeting of Governors
16	s.	
1	7 M.	
18	Tu.	
19	W.	
20		
2		
2	2 S.	
2	3 S.	
2	4 M.	Albinus born, 1697.
2	5 Tu.	Morgagni born, 1682.
2	6 W.	
2	7 Тн.	
2	8 F.	

27	d Manuf	18
16	d Month.	MARCH xxxi days 1902.
	1 S.	Meeting of Medical Faculty.
	2 S.	
	3 M.	
4	4 Tu.	
1	w.	
(	TH.	
7	F.	
_ 8	S.	
9	S.	
10		Malpighi born, 1628.
11		ACCOMPANIES OF THE STATE OF THE
-12		
13	Тн.	
14	F.	Meeting of Governors.
15	S.	
16	S.	
17	M.	St. Patrick's Day.
18	Tu.	
19	W.	
20	Тн	
21	F.	Winter Term ends.
22	S.	
23	S. M.	
25	Tu.	
26	W.	
		(B CB B H
27	TH.	Prof. R. P. Howard died, 1889. Convocation for Degrees in Vet. Science.
28	F.	Good Friday.
29	S.	
30	S.	Easter Sunday.
31	M.	Landon Sunday.

4th Month.		APRIL xxx days, 1902
1	Tu.	Med. Council, P.E.I., Matric. Exam.
2	W.	
3	Тн.	Abernethy born, 1764.
4	F.	
5	S.	Meeting of Medical Faculty.
6	S.	
7	M.	Spring Term begins.
8	Tu.	
9	W.	Meeting of Corporation
10	Тн.	
11	F.	Sydenham born, 1624.
12	S.	
13	S.	
14	M.	
15	Tu.	Prof'l. Exams. Registration, Manitoba.
16	w.	
17	Тн.	
18	F.	Meeting of Governors.
19	S.	
20	s.	
21	M.	
22	Tu.	Shakespeare born, 1564.
23	W.	
24	Тн.	
25	F.	
26	S.	
27	s.	
28	M.	Conv. for degrees in Arts, Law & App. Sciences. Graduate Course in Medicine begins.
29	Tu.	
30	W.	Registration in Nova Scotia.
SALES SALES	and the Research Control	

747		15
5tl	Month.	MAY xxxi days. 1902.
	1 TH.	Matrie Even Dr. W. L. D.
	2 F.	Matric. Exam. Prov. Med. Board of N. Scotia.
6		Meeting of Medical Faculty.
4	S.	g of Modical Paculty,
5	M.	
6	Tu.	C P. & S. British Columbia, Prof'l. Exam.
7	W.	of the Street Columbia, Fror I. Exam.
8	Тн.	
9	F.	
_10	S.	
11	S.	
12	M.	The state of the s
13	Tu.	
14	W.	{ Heberden born, 1710. Exams. C. P. S., North West Territories.
15	Тн.	(Exams. C. P. S., North West Territories.
16	F.	Meeting of Governors.
17	S.	Edward Jenner born, 1749.
18	S.	1,10.
19	M	"一个时间,我们是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
20	Tu.	Professional Exams. C. P. & S., Ont.
21	W.	Prof. Scott died, 1883.
22	TH	And the second of the second o
23	F.	
24	S.	Yictoria Day. Lectures end.
25	S.	
26	M.	f Examinations begins.
		Matrie. Exams. C. P. & S., Manitoba.
27	Tv.	(Prof G W Campbell did 1900
28	W.	{ Prof. G. W. Campbell died, 1882. John H. R. Molson died, 1897.
29	TH.	1001.
30	F.	
31	S.	

6th M	Ionth.	JUNE xxx days. 1902.
1 S.		
2	M.	
3	Tu.	
4	W.	Corner-stone Mont. Gen. Hospital laid, 1821.
5	Тн.	
6	F.	
		(Eustachius died, 1574.
7	S.	Graduate Course ends. Meeting of Medical Faculty.
-	- 0	( Meeting of Moureau 2
8	S.	Matriculation Exams, Arts and Medicine.
9	M. Tu.	Matriculation Exams, 1110
10	W.	Meeting of Corporation.
11	TH.	Meeting of Corporation.
12		Spring Term ends. Convocation for conferring degrees in Med.
13	F.	Convocation for conferring degrees in Med.
14	S.	
15	S.	
16	M.	SECTION SECTION SECTION
17	Tu.	Exams. Prov. Med. Board, Nova Scotia
18		Exams. Prov. Med. Doard, 11014
19		Rolando born, 1773.
20	F.	Matriculation Col. P. & S., Quebec (at Mont.)
21	S.	Meeting of Governors.
2:	S.	
28		
2.	-	35.3 77. 1000
2	***	{ Mont. Med. Institution became Med. Fac., 1829. Exams. Council P. & S., New Brunswick.
		Exams. Council 1. & S., New Branswick.
2	7 F.	Prof. Fenwick died, 1894.
R   ROSSING	8 S. S.	
	0 M.	
0		

## Governing Body of the University.

### VISITOR:

HIS EXCELLENCY THE RIGHT HONOURABLE THE EARL OF MINTO, K.C.M.G., LL.D., P.C.

GOVERNOR-GENERAL OF CANADA, ETC.

#### GOVERNORS:

[Being the Members of the Royal Institution for the Advancement of Learning.]

THE RIGHT HON. LORD STRATHCONA AND MOUNT ROYAL, G.C.M.G., LL.D. (Hon. Cantab.), President and Chancellor of the University.

JOHN MOLSON, Esq.

SIR WILLIAM C. MACDONALD.

GEORGE HAGUE, Esq.

EDWARD B. GREENSHIELDS, Esq., B.A.

SAMUEL FINLEY, Esq.

ANDREW FREDERICK GAULT, Esq.

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RICHARD B. ANGUS, Esq.

SIR WILLIAM C. VAN HORNE, K.C.M.G.

JAMES ROSS, Esq.

CHARLES CAMPBELL, Esq., B.A., LL.L.

(The Board of Governors has, under the Royal Charter, the power to frame Statutes, to make Appointments, and to administer the Finances of the University.)

### PRINCIPAL.

WILLIAM PETERSON, M.A., LL.D., Vice-Chancellor. (The Principal has under the Statutes, the general superintendence of all affairs of the College and University, under such regulations as may be in force.

#### FELLOWS:

#### Ex-Officio.

ALEXANDER JOHNSON, M.A., LL.D., D.C.L., F.R.S.C., Vice-Principal, and Dean of the Faculty of Arts.

HENRY T. BOVEY, M.A., D.C.L., LL.D., F.R.S.C., M.Inst.C.E., Dean of the Faculty of Applied Science.

ROBERT CRAIK, M.D., LL.D., Dean of the Faculty of Medicine.

DUNCAN McEACHRAN, D.V.S., Dean of the Faculty of Comparative Medicine and Veterinary Science.

E. P. WALTON, B.A., LL.B., Dean of the Faculty of Law.

S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.

## To retire on 1st September, 1901.

BERNARD J. HARRINGTON, M.A., LL.D., Ph.D., F.G.S., F.R.S.C., Elective Fellow, Faculty of Applied Science.

FREDERICK W. KELLEY, B.A., Ph.D., Representative Fellow in Arts.

R. F. RUTTAN, B.A., M.D., F.R.S.C., Elective Fellow, Faculty of Medicine.

C. H. GOULD, B.A., Governors' Fellow.

D. P. PENHALLOW, B.Sc., M.A.Sc., Elective Fellow, Faculty of Arts.

HON. JOHN S. HALL, B.A., B.C.L., Governors' Fellow.

REV. J. HENRY GEORGE, D.D., Ph.D., Representative Fellow, Congregational College of Canada, Principal of the College.

C. W. WILSON, M.D., Representative Fellow in Medicine.

A. E. C. MOORE, D.V.S., Representative Fellow in Comparative Medicine and Veterinary Science.

REV. HENRY M. HACKETT, M.A., B.D., Representative Fellow, Montreal Diocesan Theological College, Principal of the College.

#### To retire on 1st September, 1902.

REV. D. H. MACVICAR, D.D., LL.D., Representative Fellow, Presbyterian College, Montreal, Principal of the College.

- REV. J. CLARK MURRAY, LL.D., F.R.S.C., Elective Fellow, Faculty of Arts.
- T. WESLEY MILLS, M.A., M.D., F.R.S.C., Representative Fellow in Medicine.
- C. H. McLEOD, Ma.E., F.R.S.C., Representative Fellow in Applied Science.
- REV. C. R. FLANDERS, B.A., D.D., Representative Fellow, Stanstead Wesleyan College, Stanstead, Que., Principal of the College.
- G. CUNNINGHAM WRIGHT, B.C.L., Representative Fellow in Law.
- ARCHIBALD McGOUN, M.A., B.C.L., K.C., Elective Fellow, Faculty of Law.
- F. J. SHEPHERD, M.D., Elective Fellow, Faculty of Medicine.
- G. H. CHANDLER, M.A., Elective Fellow, Faculty of Applied Science.
- W. W. WHITE, M.D., St. John, N.B., non-resident Representative Fellow (Maritime Provinces and Newfoundland).
- W. A. CARLYLE, Ma.E., non-resident Representative Fellow (British Columbia, Manitoba, and North-West Territories).
- ROBERT W. ELLS, M.A., LL.D., Ottawa, non-resident Representative Fellow (Ontario).
- WM. OSLER, M.D., LL.D., F.R.S., Johns Hopkins University, non-resident Representative Fellow (United States).

### To retire on 1st September, 1903.

JOHN REDPATH DOUGALL, M.A., Representative Fellow in Arts.

REV. E. I. REXFORD, B.A., Governors' Fellow.

REV. JAMES BARCLAY, M.A., D.D., Governors' Fellow.

MALCOLM C. BAKER, D.V.S., Elective Fellow, Faculty of Comparative Medicine and Veterinary Science.

ALEXANDER FALCONER, B.A., B.C.L., Representative Fellow in Law.

CHAS. E. MOYSE, B.A., Elective Fellow, Faculty of Arts.

JOHN COX, M.A., F.R.S.C., Elective Fellow, Faculty of Arts.

REV. J. T. L. MAGGS, B.A., B.D., Representative Fellow, Montreal Wesleyan Theological College.

FRANK D. ADAMS, M.A.Sc., Ph.D., Representative Fellow in Applied Science.

W. J. McGUIGAN, M.D., LL.B., Representative Fellow, Vancouver College, Vancouver, B.C.

(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes to frame regulations touching the Course of Study, Matriculation, Graduation and other Educational matters, and to grant Degrees.)

SECRETARY, REGISTRAR, AND BURSAR:—

[And Secretary of the Royal Institution.]

W. VAUGHAN, OFFICE, EAST WING, McGill College.

Office Hours: 9 to 5.

## THE ACADEMIC BOARD.

(Regular Meetings on the first Wednesday of October, December, February, and March, at 8.15 p.m.)

## CHAIRMAN-THE PRINCIPAL.

The Principal, the Deans of the several Faculties, the Professors and Associate Professors, and other members, not exceeding ten in number, of the teaching staff of the University, have been constituted, under the statutes, the Academic Board of the University, with the duty of considering such matters as pertain to the incrests of the University as a whole and making recommendations concerning the same.

## McGill Aniversity Ceneral Announcement.

### SESSION OF 1901-1902.

The Sixty-ninth Session of the University, being the forty-eighth under the amended Charter, will commence in the autumn of 1901.

By virtue of the Royal Charter, granted in 1821, and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties in McGill College and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and, while all possible attention will be given to the character and conduct of students, no interference with their individual views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the affiliated Colleges and Schools.

#### I.-McGill College.

ests

THE FACULTY OF ARTS.—The courses of study extend over four Sessons of eight months each. In the third and fourth years, extensive options and certain exemptitons are allowed to students of medicine. The course of study leads to the Degrees of B.A., B.Sc., M.Sc., D.Sc., and D.Litt.

The Degree of B.A. from this University admits the holder to the study of the learned professions without preliminary examination in the Provinces of Quebec and Ontario, and in Great Britain and Ireland, etc.

The Degree of B.A. or B.Sc. can be obtained along with the degree in the Faculty of Medicine or of Applied Science in six years or of Law in five years. This is effected by avoiding the duplication of courses in the same subjects or in those which give the same educational training, and by a proper adaptation of the time tables. A certificate of Literate in Arts will be given along with the degree in either Faculty to candidates who have completed two years in Arts before entering the Professional Faculty.

THE COURSE IN ARTS provides for the education of women in separate classes, with course of study, exemptions, degrees and hoours identical with those for men.

- THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, Electrical Engineering, Practical Chemistry and Architecture, leading to the Degrees of B.Sc., M.Sc., and D.Sc.
- THE FACULTY OF LAW.—The complete course of Law extends over three Sessions of eight months each, and leads to the Degrees of B.C.L. and D.C.L.
- THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions of nine months each, and leads to the Degrees of M.D., C.M.
- THE FACULTY OF COMPARATIVE MEDICINE AND VETERINARY SCIENCE.

  —The complete course extends over three Sessions of six months each, and leads to the Degre of D.V.S.\*

#### II.-Affiliated Colleges.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study in the Affiliated College, or in part in McGill College, as the case may be, and may come up to the University Examinations on the same terms with the students of McGill College.

- MORRIN COLLEGE, Quebec.—Is affiliated in so far as regards Degrees in Arts and Law. (Detailed information may be obtained from Rev. Donald Macrae, D.B., Principal.)
- St. Francis College, Richmond, P.Q.—Is affiliated in so far as regards the Intermediate Examinations in Arts. (Detailed information may be obtained from J. A. Dresser, B.A., Principal.)
- THE STANSTEAD WESLEYAN COLLEGE, Stanslead, P.Q.—Is affiliated in so far as regards the Intermediate Examination in Arts. (Detailed information may be obtained from the Rev. C. R. Flanders, B.A., D.D., Principal.)
- VANCOUVER COLLEGE, Vancouver, B.C.—Is affiliated in so far as regards the work of the first year in Arts. (Detailed information may be obtained from A. Robinson, B.A., Principal.)

## III.-Affiliated Theological Colleges.

Affiliated Theological Colleges have the right of obtaining for their students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF CANADA, Montreal.—Principal, Rev. J. Henry George, D.D., Ph.D., 58 McTavish Street.

<sup>\*</sup>The complete Calendar, with information respecting all the Faculties, &c., may be obtained from W. Vaughan, Esq., registrar of the University.

THE PRESBYTERIAN COLLEGE, Montreal, in connection with the Presbyterian Church in Canada.—Principal, Rev. D. H. MacVicar, D.D., LL.D., 69 McTavish Street.

THE DIOCESAN COLLEGE OF MONTREAL.—Principal, Rev. H. M. HACKETT, M.A., B.D., 201 University Street.

THE WESLEYAN COLLEGE OF MONTREAL.—Principal, Rev. W. I. SHAW, M.A., LL.D., 228 University Street.

[Calendars of the above Colleges and all necessary information fay be obtained on application to their Principals.]

## IV.-McGill Normal School.

THE McGILL NORMAL SCHOOL provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas, and may, on conditions stated in the announcement of the School, enter the classes in the Faculty of Arts for Academy Diplomas and for the Degrees of B.A. Principal, S. P. ROBINS, LL.D., 32 Belmont Street, Montreal.

## V.-Affiliated High Schools, Etc.

The Trafalgar Institute for the Higher Education of Women, Simpson Street, Montreal; Principal, Miss Grace Fairley. The High School of Montreal and the Girls' High School of Montreal, Metcalfe Street; Principal; Rev. Elson I. Rexford, B.A.

Schools which have prepared successful candidates for A.A. or for matriculation (June, 1901).

Abingdon School, Montreal; Montreal Coll. Inst.; St. John the Evangelist School, Montreal; Miss Symmers' and Miss Smith's School, Montreal; Westmount Academy; Almonte High School; Aylmer Academy; Bedford Academy; Brantford Coll. Inst.; Chicoutimi Protestant School; Clarenceville Model School; Coaticook Acad.; Compton Ladies' Coll.; Cookshire Acad.; Cowansville Acad.; Danville Acad.; Dufferin Grammar School; Dunham Ladies' Coll.; Enfield School; Feller Inst.; Gananoque High School; Granby Acad.; Huntingdon Acad.; Knowlton Acad.; Lachute Academy; Lennoxville Model School; Magog Model School; Orangeville High School; Ormstown Ottawa Coll. Inst.; Pembroke High School; Portage du Fort Model School; Quebec High School; Girls' High School, Quebec; Renfrew High School; Church School for Boys, Rothesay, N.B.; Shelburne Acad., N.S.; Sherbrooke Acad.; Stanstead Wesleyan Coll.; Sutton Acad.; St. Francis Coll. School; St. Johns' High School; Bishop Field Coll., St. Johns, Nfld.; Three Rivers Acad.; Buckland Coll., Vancouver, B.C.; Waterloo Acad.; Williamstown High School.

## Officers and Members of the Faculty.

## SINCE ITS ORIGIN.

#### DEANS.

Dr. W. Robertson, official head of the Montreal Medical Institution 1823, succeeded by Dr. John Stephenson in 1829 as Registrar and Official head of the Faculty up to 1842, when he was succeeded by Dr. A. F. HOLMES with title of Secretary. Dr. A. F. HOLMES was the first Dean, 1854.

GEO. W. CAMPBELL, 1860. ROBT. CRAIK, 1889. R. P. HOWARD, 1882.

GEORGE Ross (Vice-Dean), 1889.

## REGISTRARS.

JOHN STEPHENSON, 1829. ROBT. CRAIK, 1869. WILLIAM OSLER, 1877.

ROBT. CRAIK, 1869. F. J. SHEPHERD, 1883 (acting). JAS. STEWART, 1884.

WILLIAM WRIGHT, 1864.

R. F. RUTTAN, 1891.

## CHAIR OF MEDICINE.-[Founded 1824].

WILLIAM CALDWELL, 1824.
WILLIAM ROBERTSON, 1833.
ANDREW F. HOLMES, 1842.
R. PALMER HOWARD, 1860.
GEORGE ROSS, 1889.
JAMES STEWART, 1893.
F. G. FINLEY (Asst. Prof.), 1894.
H. A. LAFLEUR (Asst. Prof.), 1894

## CHAIR OF SURGERY .- [Founded 1824].

JOHN STEPHENSON, 1824. GEO. E. FENWICK, 1875. T. G. RODDICK, 1890. G. W. CAMPBELL, 1835. JAS. BELL (Asst. Prof.), 1891-1894.

## CHAIR OF MIDWIFERY .- (Founded 1824.

WILLIAM ROBERTSON, 1824. ARCHIBALD HALL, 1854. D. C. MACCALLUM, 1868. JOHN RACEY, 1833.

GEO. W. CAMPBELL, 1835.

WM. McCulloch, 1842.

D. C. MacCallum, 1868.

ARTHUR A. Browne, 1883.

J. Chalmers Cameron, 1886.

## CHAIR OF ANATOMY .- [Founded 1824].

JOHN STEPHENSON, 1824. OLIVER T. BRUNEAU, 1842.

WM. E. SCOTT, 1856. FRANCIS J. SHEPHERD, 1883.

## CHAIR OF CHEMISTRY .- [Founded 1824].

ANDREW F. HOLMES, 1824. ARCHIBALD HALL, 1842. WILLIAM SUTHERLAND, 1849.

ROBT. CRAIK, 1867. GILBERT P. GIRDWOOD, 1879. R. F. RUTTAN (Asst. Prof.) 1891-4

## CHAIR OF PHYSIOLOGY .- [Founded 1824, Endowed 1897].

JOHN STEPHENSON, 1824. STEPHEN C. SEWELL, 1842. STEPHEN C. SEWELL, 1842. JOSEPH M. DRAKE, 1872. ROBERT L. MACDONNELL, 1845. WILLIAM OSLER, 1874.

WILLIAM FRASER, 1849. WESLEY MILLS, 1886.

### CHAIR OF PHARMACOLOGY AND THERAPEUTICS.

#### [Founded 1824].

ANDREW F. HOLMES, 1824. ARCHIBALD HALL, 1835. STEPHEN C. SEWELL, 1842.

A. HALL, 1849. WILLIAM WRIGHT, 1854. JAMES STEWART, 1883. A. D. BLACKADER, 1891.

## CHAIR OF BOTANY .- [Founded 1829].

ANDREW F. HOLMES, 1829. DR. PAPINEAU, 1845.

JAMES BARNSTON, 1857. J. W. DAWSON, 1855 and 1858. D. P. PENHALLOW, 1883.

## CHAIR OF CLINICAL MEDICINE .- [Founded 1845].

James Crawford, 1845 and 1852. Duncan C. MacCallum, 1860. ROBT. L. MACDONNELL, 1849. STEPHEN C. SEWELL, 1850. R. PALMER HOWARD, 1856.

JOSEPH M. DRAKE, 1868. GEORGE Ross, 1872. RICH'D L. MACDONELL, 1889. JAMES STEWART, 1891.

F. G. FINLEY (Asst. Prof.) 1894-6. H.A.LAFLEUR (Asst. Prof) 1895-6. F. G. FINLEY (Assoc. Prof.) 1896.

H.A.LAFLEUR (Assoc. Prof.) 1896. C. E. MARTIN (Asst. Prof.) 1899.

### CHAIR OF CLINICAL SURGERY .- [Founded 1845].

JAMES CRAWFORD, 1845. WILLIAM E. SCOTT, 1852. DUNCAN C. MACCALLUM, 1856. ROBERT CRAIK, 1860.

GEORGE E. FENWICK, 1867. THOMAS G. RODDICK, 1875. JAMES BELL (Asst. Prof.) 1891-94. JAMES BELL, 1894.

GEO. E. ARMSTRONG (Asst. Prof.) 1894-6. GEO. E. ARMSTRONG (Assoc. Prof.) 1896.

## CHAIR OF MEDICAL JURISPRUDENCE.

[Founded 1845].

WILLIAM FRASER, 1845. FRANCIS BADGLEY, 1849. FRANCIS C. T. ARNOLDI, 1850. WILLIAM E. SCOTT, 1851. WILLIAM WRIGHT, 1852. R. Palmer Howard, 1854. Duncan C. MacCallum, 1860. George E. Fenwick, 1867. William Gardner, 1875. George Wilkins, 1883.

## CHAIR OF HYGIENE AND PUBLIC HEALTH. [Founded 1871, Endowed 1893].

GEORGE ROSS, 1871. THOMAS G. RODDICK, 1873. ROBERT T. GODFREY, 1875.

71. WILLIAM GARDNER, 1879.
DICK, 1873. R. L. MACDONNELL, 1886.
PREY, 1875. ROBERT CRAIK, 1889.
WYATT JOHNSTON (Asst. Prof.) 1897.

## CHAIR OF PRACTICAL CHEMISTRY .- [Founded 1872].

GILBERT P. GIRDWOOD, 1872. R.F.RUTTAN (Asst. Prof.) 1891-94. R. F. RUTTAN, 1894.

## CHAIR OF OPHTHALMOLOGY AND OTOLOGY. [Founded 1883].

FRANK BULLER, 1883.

## CHAIR OF GYNÆCOLOGY - [Founded 1883].

WILLIAM GARDNER, 1883.

## CHAIR OF PATHOLOGY.-Founded 1892, Endowed 1893

J. GEO. ADAMI, 1892.

## CHAIR OF LARYNGOLOGY .- [Founded 1893]

G. W. MAJOR, 1893.

H. S. BIRKETT, 1895.

## Benefactors of the Faculty of Medicine.

## I.—LEANCHOIL ENDOWMENT.

## II.—CAMPBELL MEMORIAL ENDOWMENT.—\$48,906.

Established in 1883 to commemorate the services rendered to the Faculty during forty years by the late Dean, George W. Campbell, M.D., LL.D.

This fund has also been invested, and the income from it utilized for general expenses of the Faculty.

Mrs. G. W. Campbell\$2,000	George Hague, Esq\$	500
H. and A. Allan 1,500	J. K. Ward, Esq	500
Lord Strathcona and Mount	Warden King, Esq	500
Royal 1,500	John Sterling, Esq	500
Sir George Stephen, Bart 1,000	John Rankin, Esq	500
R. B. Angus, Esq 1,000	Cantlie, Ewan & Co	500
George A. Drummond, Esq. 1,000	Robt. Reford, Esq	500
Alex. Murray, Esq 1,000	J. & W. Ogilvie	500
Robert Moat, Esq 1,000	Randolph Hersey, Esq	500
W. C. McDonald, Esq 1,000	John A. Pillow, Esq	500
A Friend 1.000	S. Carsley, Esq	500
Duncan McIntyre, Esq 1,000	D. C. McCallum, M.D	500
A. F. Gault, Esq 1,000	S. Greenshields, Son & Co	500
M. H. Gault, Esq 1,000	Jonathan Hodgson, Esq	500
G. W. Stephens, Esq., 1.000	Geo. Ross, M.D	500
James Benning, Esq 1.000	T. G. Roddick, M.D	500
R. P. Howard, M.D 1.000	Wm. Gardner, M.D	500
G. B. & J. H. Burland, Esq. 1,000	Cochrane, Cassils & Co	500
Miss Elizabeth C. Benny 1,000	Joseph Hickson, Esq	500
J. C. Wilson, Esq 1,000	Allan Gilmour (Ottawa)	500
Mrs. John Redpath 1,000	R. W. Shepherd, Esq	500
Hon. John Hamilton 1,000	G. E. Fenwick, M.D	300
Miss Orkney 1,000	Miles Williams, Esq	300
Hugh McKay, Esq 1,000	G. P. Girdwood, M.D	250
Hector McKenzie, Esq 1,000	Chas. F. Smithers, Esq	250
Thomas Workman, Esq 1,000	John Kerry, Esq	250
Hugh McLennan, Esq 1,000	A. Baumgarten, Esq	250
O. S. Wood, Esq 1,000	V. R. Elmenhorst, Esq	250
Frank Buller M.D 500	W. F. Lewis, Esq	250
James Burnett, Esq 500	Geo. Armstrong, Esq	250
Andrew Robertson, Esq 500	J. M. Douglas, Esq	250
Robt. McKay, Esq 500	H. Lyman, Sons & Co	250
John Hope, Esq 500	F. J. Shepherd, M.D	250
Alex. Urquhart, Esq 500	Duncan McEachran, Esq.,	
R. A. Smith, Esq 500	F.R.C.V.S	200

Benj. Dawson, Esq \$	200	R. J. B. Howard, M.D \$	25				
Benj. Dawson, Esq	150	R. F. Rinfret, Esq. (Quebec)	20				
R. Wolff, Esq	150	Robert Howard, M.D. (St.					
James Stewart, M.D	100	Johns)	20				
Mrs. Cuthbert (New Rich-	100	Dr. J. & D. J. McIntosh					
mond, Q.)		(Vankleek Hill)	20				
J. M. Drake, M.D	100	J. E. Brouse, M.D. (Pres-					
H. W. Thornton, M.D. (New	100	cott)	20				
Richmond, Q.)	100	J. H. McBean, M.D	15				
A. T. Paterson, Esq	100	J. H. McBean, M.D. (Cob-					
C. B. Hanvey, M.D. (Yale,		J. C. Rattray, M.D. (Cob-	10				
B.C.)	100	den, O.)	10				
D. Cluness, M.D. (Nanaimo,		J. H. Howard, M.D. (La-	10				
B.C.)	100	chine)	10				
W. Kinlock, Esq	100	J. W. Oliver, M.D. (Clif-					
Hua Richardson & Co	100	ton, O.)	10				
Hugh Paton, Esq	100	P. A. McDougall, M.D.					
R. T. Godfrey, M.D	100	(Ottawa, O.)	10				
	100	A. Pousette, M.D. (Sarnia,					
T. A. Rodger, M.D	100	0.)	10				
W. A. Dyer, Esq	100	A. Ruttan, M.D. (Napanee,					
Geo. Wood, M.D. (Fari-	100	0.)	10				
bault, Min.)		James Gunn, M.D. (Durham,					
A. A. Brown, M.D	100	0.)	10				
George Wilkins, M.D	100	J. McDiarmid, M.D. (Hen-					
R. L. McDonnell, M.D	100	J. McDiarinia, M.D. (Hen	5				
Joseph Workman, M.D.		sall, O.)					
(Toronto)	50	W. J. Derby, M.D. (Rock-	5				
Sir A. T. Galt	bu	land, O.)	9				
Henry Lunam, B.A., M.D.		J. Gillies, M.D. (Teeswater,					
(Campbellton, N.B.)	50	0.)	5				
T. J. Alloway, M.D	30	J. B. Benson, M.D. (Chat-					
Griffith Evans, M.D. (Vet.		ham, N.B.)	5				
Department, Army)	25	L. A. Fortier, M.D. (St.					
J. J. Farley, M.D. (Bella-		David. Q.)	5				
ville)	25	J. A. McArthur, M.D. (Fort					
Henry R. Gray, Esq	25	Elgin, O.)	5				
Louis T. Marceau, M.D.	-	John Campbell, M.D. (Sea-					
(Napierville, Q.)	25	forth, O.)	5				
(Napierville, Q.)	20	101011, 01,					
III.—THE	DRA	KE ENDOWMENT.					
			21122				
Given as an annual dona	tion 1	from 1891 to 1897 of \$500 per an	num				
towards the expenses of the	chai	r of Physiology.					
Cowards one capetages of the	nda +1	ne endowment of the Joseph Mo	orley				
	rus ti	the endowment of the bosept					
Drake chair of Physiology.							
Walter Drake		, \$	10,000				
		Missan Dominion					
IV.—THE DE	R. GE	o. Major Donation.					
Prof. Geo. Major, in 1892, contributed \$500 towards the chair of							
Pathology.							
Dr. Geo. Major			, \$300				

#### V.-THE DOW BEQUEST.

	Mary Dow in 1892, the interest from
which is devoted to the general	expenses of the Faculty.

## VI.—THE MRS. JOHN McDougall'S DONATION.

A donation from Mrs. John McDougall in 1892 to bear Dr. Craik's name, the interest on which is applied to the general expenses of the Medical Faculty.

### VII.-THE MOLSON FUND.

A donation from the late Mr. John H. R. Molson in 1893 to enable the Faculty to purchase land and erect an additional wing to its buildings.

John H. R. Molson...... \$60,000

VIII.—THE LORD STRATHCONA AND MOUNT ROYAL ENDOWMENT.

An endowment in 1893 of the chairs of Pathology and Sanitary Science.

Lord Strathcona and Mount Royal ..... \$100,000

#### IX.-THE LEARMONT BEQUEST.

A bequest, in 1894, from Miss Jane Learmont, to bear Dr. Craik's name, the interest on which is applied to the general expenses of the Faculty.

The late Miss Jane Learmont ..... \$3,000

X .- THE LORD STRATHCONA AND MOUNT ROYAL BUILDING FUND.

A donation in 1898 in the names of Lady Strathcona and the Honorable Mrs. Howard, to enable the Faculty to meet the increased demand for laboratory accommodation.

 Lady Strathcona
 \$50,000

 Hon- Mrs. Howard
 \$50,000

## Faculty of Medicine.

WILLIAM PETERSON, M.A., LL.D., Principal.

ALEXANDER JOHNSON, M.A., LL.D., Vice-Principal.

ROBERT CRAIK, M.D., LL.D., Dean.

R. F. RUTTAN, B.A., M.D., Registrar.

J. G. ADAMI, M.A., M.D., Director of the Museum.

F. G. FINLEY, M.B. (Lond.), M.D. (McGill), Librarian.

### EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica, 84 St. Famille Street. DUNCAN C. MACCALLUM, M.D., Midwifery, 45 Union Avenue.

#### PROFESSORS.

ROBERT CRAIK, M.D., LL.D., Professor of Public Health and Preventive Medicine, 887 Sherbrooke Street.

G. P. GIRDWOOD, M.D., Professor of Chemistry, 111 University Street. THOMAS G. RODDICK, M.D., LL.D. (Edin.), F.R.C.S., Eng. (Hon.), Professor of Surgery, 80 Union Avenue.

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 Union Avenue.

Francis J. Shepherd, M.D., Professor of Anatomy, 152 Mansfield St.

FRANK BULLER, M.D., Professor of Ophthalmology and Otology, 123 Stanley Street.

JAMES STEWART, M.D., Professor of Medicine and Clinical Medicine, 285 Mountain Street.

GEORGE WILKINS, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 898 Dorchester Street.

D. P. PENHALLOW, B.Sc., M.A.Sc., Professor of Botany, McGill College.

Wesley Mills, M.A., M.D., Professor of Physiology. McGill College.

JAMES CHALMERS CAMERON, M.D., Professor of Obstetrics and Diseases of Infancy, 941 Dorchester Street.

ALEX. D. BLACKADER, B.A., M.D., Professor of Pharmacology and Therapeutics, and Lecturer on Diseases of Children, 236 Mountain Street.

R. F. RUTTAN, B.A., M.D., Professor of Practical Chemistry, 1018 Sherbrooke street.

James Bell, M.D., Professor of Clinical Surgery, 873 Dorchester Street.

J. G. ADAMI, M.A., M.D. (Cantab.), F.R.S. (Edin.), Professor of Pathology, McGill College.

F. G. FINLEY, M.B. (Lond.), M.D. (McGill), Assistant Professor of Medicine and Associate Professor of Clinical Medicine, 1013 Dor-

HENRY A. LAFLEUR, B.A., M.D., Assistant Professor of Medicine and Associate Professor of Clinical Medicine, 58 University Street.

GEORGE E. ARMSTRONG, M.D., Associate Professor of Clinical Surgery, 320 Mountain Street.

H. S. BIRKETT, M.D., Professor of Laryngology, 123 Stanley Street.

- T. J. W. Burgess, M.D., Professor of Mental Diseases, Protestant Hospital for the Insane, Verdun.
- WYATT JOHNSTON, M.D., Assistant Professor of Hygiene, 81 McGill College Avenue.
- C. F. Martin, B.A., M.D., Assistant Professor of Medicine and Clinical Medicine, 33 Durocher Street.

#### LECTURERS.

- W. S. Morrow, M.D., Lecturer in Physiology, 82 Union Avenue. John M. Elder, B.A., M.D., Lecturer in Medical and Surgical Anatomy, and Demonstrator of Clinical Surgery, 4201 Sherbrooke Street.
- J. J. GARDNER, M.D., Lecturer in Ophthalmology, 211 Peel Street.
- J. A. SPRINGLE, M.D., Lecturer in Anatomy, 1237 Dorchester Street.
- F. A. L. LOCKHART, M.B. (Edin.), Lecturer in Gynæcology, 38 Bishop St.
- A. E. GARROW, M.D., Lecturer in Surgery and Clinical Surgery, 2726 St. Catherine Street.
- W. F. Hamilton, M.D., Lecturer in Clinical Medicine, 287 Mountain St.
- G. GORDON CAMPBELL, B.Sc., M.D., Lecturer in Clinical Medicine, 117 Metcalfe Street.
- J. G. McCarthy, M.D., Lecturer and Senior Demonstrator in Anatomy, 61 Drummond Street.
- D. J. Evans, M.D., Lecturer in Obstetrics, 939 Dorchester Street.
- N. D. Gunn, M.D., Lecturer in Histology, 49 Union Avenue.
- J. W. STIRLING, M.B. (Edin.), F.R.G.S., Lecturer in Ophthalmalogy, 285 Mountain Street.
- J, ALEX. HUTCHISON, M.D., Lecturer in Clinical Surgery, 70 Mackay St.
- A. G. Nichols, M.A., M.D., Lecturer in Pathology, 2728 St. Catherine Street.
- P. T. HALSEY, M.D. (Columbia), Lecturer in Pharmacology, 48 Durocher St.

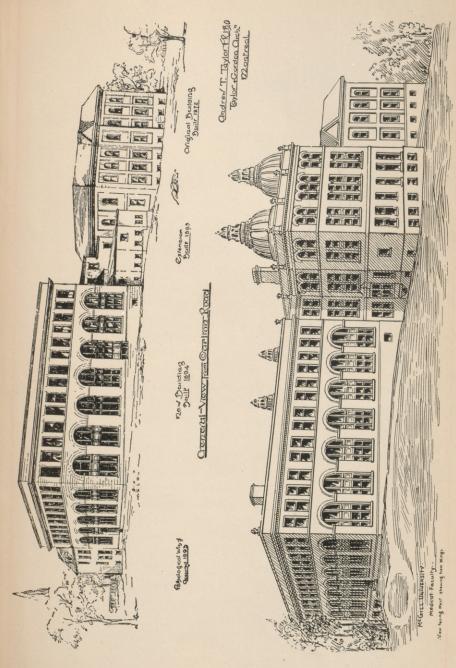
#### FELLOWS.

W. M. FORD, B.A., M.D., Fellow in Pathology, McGill College.

## DEMONSTRATORS AND ASSISTANT DEMONSTRATORS.

- R. TAIT McKenzie, M.A., M.D., Demonstrator of Anatomy, 915 Dorchester Street.
- J. A. HENDERSON, M.D., Demonstrator of Anatomy, 34 Park Ave.
- J. W. Scane, M.D., Demonstrator of Physiology, 4469 St. Catherine St.
- KENNETH CAMERON, B.A., M.D., Demonstrator of Clinical Surgery, 903 Dorchester Street.
- E. J. SEMPLE, B.A., M.D., Demonstrator of Surgical Pathology, 375 St. Antoine Street.
- R. A. KERRY, M.D., Demonstrator of Pharmacy, 164 Peel Street.
- J. J. Ross, M.D., B.A., Demonstrator of Anatomy, 679 Wellington Street.
- A. E. ORR, M.D., Demonstrator of Anatomy, 900 Dorchester Street.
- H. B. YATES, B.A. ((Cantab.), M.D., Demonstrator of Bacteriology, 257 Peel Street.

- A. A. ROBERTSON, B.A., M.D., Demonstrator of Physiology, 1066 St. Catherine Street.
- J. D. CAMERON, B.A., M.D., Demonstrator of Gynæcology, 2068 St. Catherine Street.
- D. D. MacTaggart, B.A., M.D., Demonstrator of Pathology, 90 Park Avenue.
- D. P. ANDERSON, B.A., M.D., Demonstrator of Pathology, 35 Park Avenue.
- S. RIDLEY MACKENZIE, M.D., Demonstrator of Clinical Medicine, 144
  Peel street.
- H. D. Hamilton, M.D., Demonstrator of Laryngology, 141 Crescent Street.
- W. W. CHIPMAN, B.A., M.D. (Edin.), F.R.C.S. (Edin.), Demonstrator of Gynæcology, 287 Mountain Street.
- J. McCrae, B.A., M.D., Demonstrator of Pathology M.G. Hospital.
- JAMES BARCLAY, M.D., Demonstrator of Obstetrics, 59 Metcalfe Street.
- W. G. M. BYERS, M.D., Demonstrator of Ophthalmology, 192 Peel Street.
- T. P. Shaw, M.D., Assistant Demonstrator of Obstetrics, 1260 Dorchester Street.
- J. A. WILLIAMS, M.D., Assistant Demonstrator of Bacteriology, 450. Guy Street.
- R. A. WESTLEY, M.D., Assistant Demonstrator of Anatomy, 238
  Bishop Street.
- H. M. CHURCH, M.D., Assistant Demonstrator of Anatomy. 354
  Greene Avenue.
- A. T. BAZIN, M.D., Assistant Demonstrator of Anatomy, 46 Richmond Square.
- H. B. Fraser, B.A., M.D., Assistant Demonstrator of Histology, 1171 St. Denis Street.
- W. M. Fisk, M.D., Assistant Demonstrator of Histology, 49 Prince Arthur Street.
- D. Patrick, M.D., Assistant Demonstrator of Histology, 4186 St. Catherine Street.
- H. D. IRVINE, M.D., Assistant Demonstrator of Clinical Chemistry, 4356 St. Catherine Street.
- W. K. Brown, M.D., Assistant Demonstrator of Clinical Chemistry. 99 University Street.
- E. A. ARCHIBALD, B.A., M.D., Assistant Demonstrator of Pathology, 913 Dorchester Street.
- A. Mackenzie Forbes, M.D., Assistant Demonstrator of Anatomy, 164
  Peel Street.
- H. R. D. Gray, B.A., M.D., Assistant Demonstrator of Obstetrics, M. G. Hospital.
  - MISS M. R. CHARLTON, Assistant Librarian.
  - MAUDE E. ABBOTT, B.A., M.D., Assistant Curator.



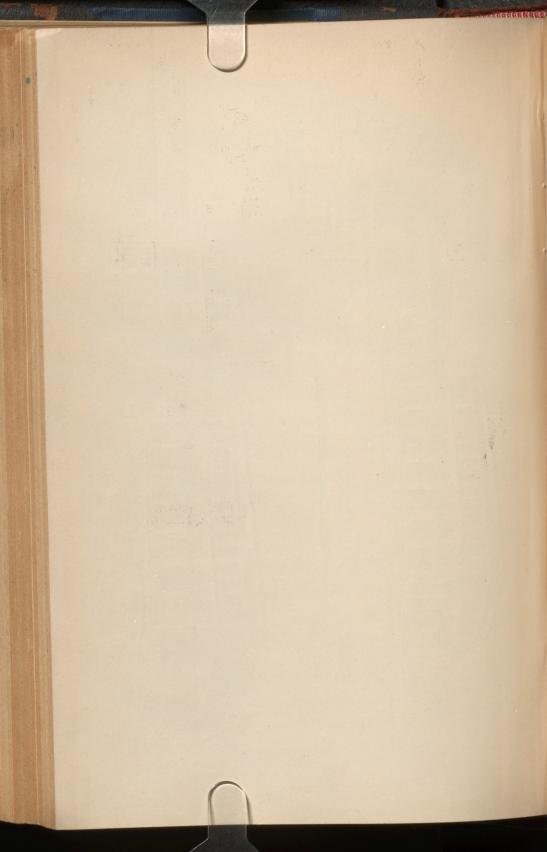
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View from Carlton Road Shewing New Wings.



## Faculty of Medicine.

## Foundation and Early History.

The Seventieth Session of this Faculty will be opened on Monday, September 23rd, 1901, by an introductory lecture at 3 p.m. The regular lectures in all subjects will begin on September 24th, at the hours specified in the time-tables, and will be continued until May 25th, 1902, when the annual examination will begin.

The Faculty of Medicine of McGill University was founded in 1822 as a medical school under the name of the "Montreal Medical Institution," by Drs. W. Robertson, W. Caldwell, A. F. Holmes, J. Stephenson and H. P. Loedel—all of them at the time members of the staff of the Montreal General

Hospital.

Although founded in 1822, yet no session of the "Medical Institution" was held until 1824 when it opened with 25 students; in 1844 the number of students in the Faculty was 50; in 1851, 64, with 15 graduates; in 1872-73, 154, with 35 graduates; in 1892-93, 315, with 46 graduates; in 1895-96, 419, with 90 graduates; in 1900-1901, the session just completed, 465 students were registered.

There were no sessions held during the political troubles from 1836 to 1839, and it is owing to this fact that the present is the 70th session of the Faculty. This is in reality the seventy-third session of the school, which is the direct con-

tinuation of the "Montreal Medical Institution."

In 1828 the "Medical Institution" was recognized by the Governors of the Royal Institution as the Medical Faculty of McGill University. At this time the lectures were given in a building on the site of the present Bank of Montreal.

Later the school was removed to a brick building, still standing near the corner of Craig and St. George streets.

In 1846 the lectures of the Faculty were given in the present central building of the University now occupied by the Faculty of Arts. On account of the inconvenience arising from the distance of the University buildings from the centre of the city, it was decided in 1850 to erect a Medical school building on Coté Street. This building, provided with ample accommodation for Library and Museum and furnished with a large dissecting room and two lecture rooms was occupied for the first time during the session of 1851-52, and sufficed for the wants of the Faculty until 1872-73, when the front building of the present block was provided by the Governors of the University.

In 1885 this building in the University grounds, erected by the Governors for the use of this Faculty, was found inadequate. A new building was then added, which at the time afforded ample facilities for carrying out the great aim of the Faculty,—that of making the teaching of the primary branches thoroughly practical.

Owing to the larger classes and the necessity for more laboratory teaching, the Lecture Rooms and Laboratories added in 1885 soon became insufficient in size and equipment to meet the requirements of the Faculty. The late Mr. John H. R. Molson with timely generosity came to the aid of the Faculty, and in 1893 purchased property adjoining the college grounds, and enabled the Faculty to erect new buildings and extensively alter and improve those already in use.

These wings were completed and officially opened by His Excellency, the Earl of Aberdeen, visitor of the University, January 8th, 1895. They were erected as an extension of the old ones, towards the northwest, partially facing Carlton road, and convenient to the Royal Victoria Hospital. They connected the Pathological building, a private residence acquired in 1893, with the older buildings, and comprised a large lecture room, capable of accommodating 450 students,

with adjoining preparation-rooms and new suites of laboratories for Pathology, Histology, Pharmacology and Sanitary Science. The laboratories, etc., in the older buildings were also greatly enlarged and improved.

On the ground floor the Library and Museum were enlarged. The original library of the building erected for the Faculty by the Governors in 1872 was furnished as a reading room for the use of students, and the extensive reference library of the Faculty was thus for the first time made available for the use of the students.

On this floor were also the Faculty room, the Registrar's office, the special museum for Obstetrics and Gynaecology, together with Professors' rooms, etc. The chemical laboratories were increased by including the laboratories formerly used by the department of Physiology.

In the basement were the janitor's apartments, cloak rooms with numerous lockers for use of students, the Lavatory, etc., recently furnished with the most modern sanitary fittings.

In less than five years the extension of the practical laboratory work and the increase in the number of students and teachers made an enlargement of the buildings almost imperative. Before, however, the want of space and equipment was very seriously felt Lord Strathcona generously provided means to meet the requirements.

# The New Buildings.

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The Faculty has great pleasure in announcing that the new Medical Buildings will be ready for occupation by the first of September of this year. These buildings are the gift of Lord Strathcona, who in the names of Lady Strathcona and the Honorable Mrs. Howard in 1898 contributed \$100,000 towards extensions and alterations of the Medical Buildings. These buildings, the result of this munificent donation, will have more than twice the capacity of the buildings occupied during the Session of 1900-1901.

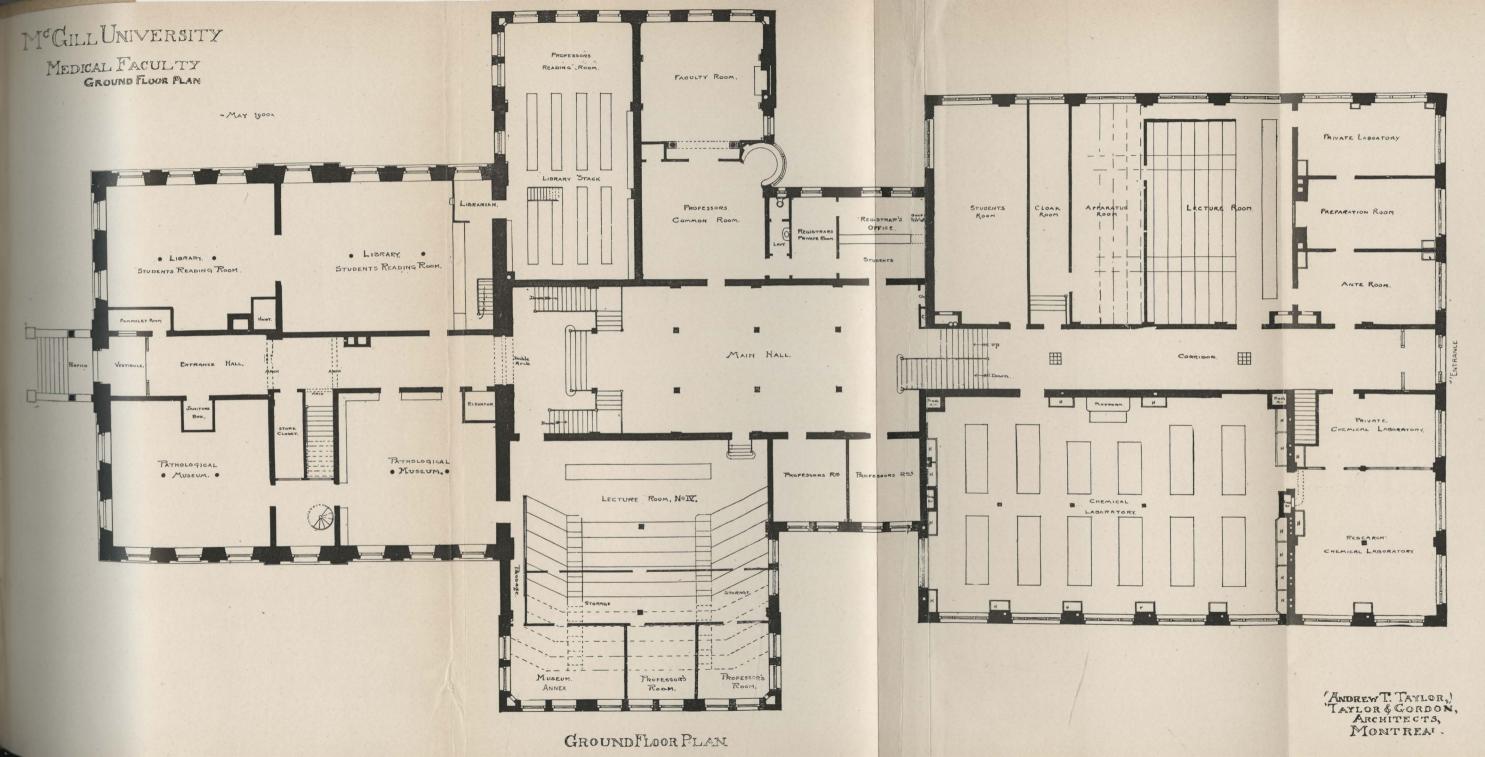
The alterations and extensions may be described as consisting of three wings. First, a Laboratory wing, this is an exact duplicate of the Molson wing erected in 1893 as part of the alterations and extensions of the building which the Faculty was enabled then to undertake through the generosity of Mr. John H. R. Molson. This wing occupies the north-east corner of the block of buildings and replaces what was formerly the Pathology wing. A second wing connects this with the front building on the east, and the third wing connects the Molson block with the original building on the west side.

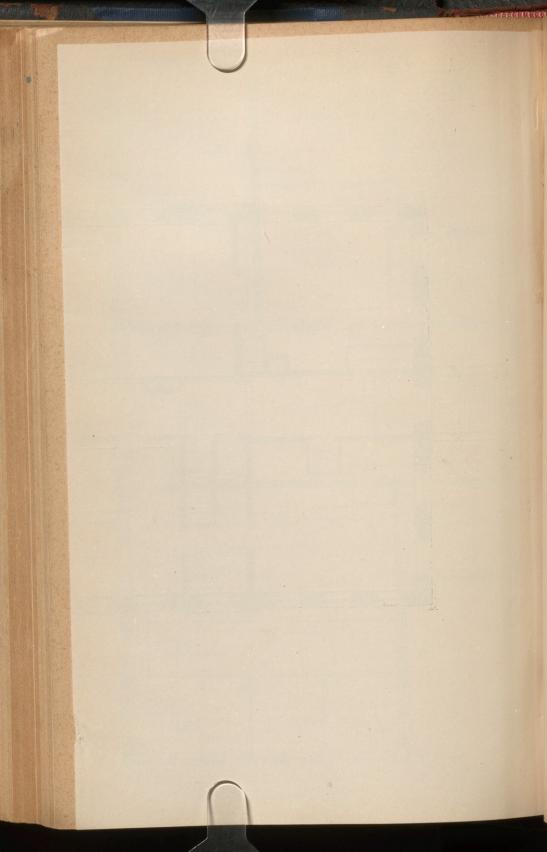
The central wings, as will be seen in the illustrations, extend east and west to a distance of about 70 feet and form the central feature of what is now a symmetrical block of cut stone buildings. To carry out this plan the stone and brick extensions, erected by the Faculty in 1885 have been entirely removed and replaced by these substantial structures. The alterations and extensions now about completed form the larger portion of a scheme of complete reconstruction and extension which will ultimately lead to the replacing of the original stone building now remaining by a facade which will project into the University grounds to the south of the buildings and so convert the whole into a single symmetrical structure.

The new building is of four stories except in the front block, where the three original stories remain. The total length of the buildings, as will be seen by the plan, is 280 feet and the maximum width 145 feet.

The ground floor contains the lavatories, locker rooms, furnace rooms, vat rooms, rooms for stores and janitor's dwelling. And in the laboratory wing there is a large recreation room for students, a student's laboratory for pharmacology and therapeutics, a research laboratory and a private room connected with this department.

The first floor, of which a plan has been inserted, contains, to the right and left of the entrance, occupying the whole





floor of the original building, a students' library reading-room with accommodation for 200 readers and the pathological museum. The students' reading-room is connected with a fire-proof stack room which contains the valuable library of the Faculty. This stack room has a capacity of 40,000 volumes, the Library at present containing about 23,000. The Pathological museum on the opposite side of the hall connects with rooms beneath the seats of Lecture Room No. IV. which will be used for special collections and for curators' rooms, and four adjoining rooms for the use of professors as private rooms. On the opposite side of the hallway in the central section of the building are, the professors' common room, the Faculty room and the offices of the Registrar.

The most striking feature in the construction of the building is the large central hall or rotunda extending from the ground floor through the three stories to the roof, lighted by skylight occupying the whole length of the middle section. This hall is 70 feet long by 45 feet wide with galleries at each floor connecting the various laboratories and lecture rooms with broad staircases at each end.

The northern section contains the Chemical Laboratory, 80 feet long by 45 feet wide, and the ceiling 20 feet high, surrounded with draft cupboards, and has benches for 150 to 180 students. Connected with this room is a commodious research laboratory for advanced work in medical chemistry, and a small professor's laboratory. On the opposite side of the hall is a large lecture room with a seating capacity of from 400 to 450, together with students' reading-room for periodicals and newspapers, a small cloak room and preparation rooms connected with the lecture room.

The floor above in the two southern sections is devoted entirely to anatomy. The dissecting room occupying the top of the front building remains unchanged, and is connected on the west with a series of demonstrators' rooms, a private dissecting room and two rooms for the professor of this department. These rooms surround Lecture Room No. II, especially arranged for lectures in Anatomy. On the opposite side of the hall, occupying the same area as the lecture room and adjoining rooms is the anatomical museum. Intervening between this and the dissecting room on the east side are, a small demonstration room, locker rooms and service rooms connected with the department of anatomy.

In the northern section are the museum for hygiene and the hygiene laboratory. These rooms extend the whole dis-

tance across the east and west wings.

On the top floor are the departments of physiology, pathology, bacteriology and histology. The department of pathology and bacteriology has a laboratory of the same dimensions as the chemical laboratory, 80 x 45 feet, especially well lighted by three large roof lights in addition to the lights on both sides. Besides the tables, lockers, etc., provided for students in this department, there is a small demonstrating theatre and a series of small rooms for advanced work and for special purposes. These include a dark room, an incubator room, reference library and three private laboratories. On the opposite side of the hall occupying a similar floor area are the laboratories for physiology consisting of a students' laboratory which has been especially equipped this year with sets of apparatus for the practical study of the principles of physiology by the graphic method. Connecting the students' laboratory with lecture room No. I., to be used for physiology chiefly, are a series of four rooms for advanced work and special research, service rooms and store rooms.

Occupying the entire northern end of this floor is the histological laboratory with an adjoining room for private work. This laboratory is 105 feet long and affords space for the use

of 150 microscopes at one time.

The laboratory wing is ventilated by a system of artificial ventilation, a powerful fan supplying each laboratory with warm fresh air, while extraction flues, to which extraction fans are attached, draw off the foul air from each room in this wing.

It will thus be seen that the new buildings of the Medical Faculty will contain four lecture rooms, three of which have a seating capacity of 250, the fourth from 400 to 450. There are five museums, namely, for Pathology, Anatomy, Obstetrics and Gynaecology, Pharmacy and Hygiene. Other collections are being made and space has been arranged for their accommodation.

Extensive locker rooms have been arranged so that at a nominal cost each student will have a locker for himself. Lockers will also be provided in connection with each of the large laboratories in which the student would be required to keep his own material, instruments, etc.—as for instance, in connection with the dissecting room and the laboratories for Pathology and Bacteriology. In addition to the large reading room of the Library and the recreation room on the ground floor of the Laboratory wing, a small reading room is provided for the use of students and controlled by the students' Medical Society, in which would be kept the daily papers, periodicals, etc.

Ι.

#### Endowments.

The first endowments of the Faculty were the "Lean-choil" and "Campbell Memorial" funds. The former was a gift of Lord Strathcona; the latter subscribed by the citizens of Montreal and graduates of Medicine of the University. A portion of these funds was expended in increasing the laboratory and lecture room accommodation in 1885, the interest on the balance being applied to general maintenance.

In 1893 Lord Strathcona endowed the Chairs of Pathology and Public Health with \$100,000. This gift enabled the Faculty to equip and develop these departments until they are quite up to the requirements of modern medical science.

Various other endowments, such as the Drake Endowment of Physiology and the bequests of the late Mrs. Mary Dow, Mrs. John MacDougall and Miss Jane Learmont, have enabled the Faculty to maintain a high standard of laboratory teaching without proportionately increasing the cost of the course to the student.

In 1899 Lord Srathcona and Mount Royal again came to the aid of the Faculty. He gave, in the names of Lady Strathcona and the Honorable Mrs. Howard, one hundred thousand dollars, to be used partially to meet the cost of extending the Laboratories, Library and Museum, and partially as a fund, the interest on which is to be applied to replace the loss of the graduation fees, formerly used to support the Medical Library and Museum, but which are now required by the Governors for general university expenses outside the Faculty of Medicine.

The thanks of the Faculty are also due to Mr. David Morrice, who has recently come forward with a donation of upwards of three thousand dollars to meet the cost of increasing the equipment of the Laboratory of Pharmacology.

II.

# Matriculation.

# I. Regulations of the Faculty of Medicine of McGill University.

Every student before he can be enregistered as an undergraduate in Medicine must present a certificate of having passed the Matriculation Examination of the Faculty of Medicine or Arts of this University, or of having passed some State or University examination accepted by this University.

Graduates in Arts of any recognized university and those who have passed the Entrance Examination of a Provincial Medical Council and thus become enregistered students in medicine of a province in Canada, are exempt from further preliminary examination.

Students from the United States who have passed a State or University examination fully equivalent to that required by this University may at the discretion of the Faculty be admitted to the study without further examination.

The Matriculation Examination of the University for Medicine is held twice each year, in June and September, at the same time as that for Arts and Science.

The fee for this examination is five dollars, payable on application to the Secretary of the University, W. Vaughan.

Papers for the spring examinations will be sent to local centres on application to the Acting Secretary. An additional fee of four dollars, to meet local expenses, will be charged for such examination.

The September examinations are held just before the lectures in Medicine begin. These are held in McGill College, Montreal, only, and at these examinations alternative books in classics will be accepted.

Examinations begin on June 9th, 1902, in McGill College and local centres; and on September 11th, 1901, in McGill College only.

# Conditional Students.

Candidates who fail to pass the September Matriculation Examination in not more than one subject, other than Latin, may, if so recommended by the Faculty, enter the First Year Undergraduate Course as Conditioned Students with the view of subsequently obtaining full undergraduate standing, by passing the examination prescribed by the Board of Matriculation Examiners. Credit will be given, in the undergraduate course, for the work done by such Undergraduates while attending as Conditioned Students.

Matriculation Examination conditions must be removed before the commencement of the second Session after entrance; they cannot be carried forward into any subsequent year.

# Partial Students.

Partial Students may, subject to the approval of the Professor, attend any class without previous examination.

Partial Students who subsequently obtain undergraduate standing by passing the Matriculation Examination may, as Undergraduates, be exempted, at the discretion of the Faculty, from a particular course or courses of lectures which they have attended as Partial Students.

# I. Compulsory Subjects

# 1. English .- Writing and Dictation.

Grammar.—A paper on English grammar, including Analysis. The candidate will be expected to show a good knowledge of Accidence, as treated in any grammar prepared for the higher forms of schools. A similar statement applies to grammatical Analysis. Candidates are required to state the class to which any subordinate sentence belongs and to arrange and define the various members of all sentences set. Failure in Analysis and Parsing will cause the rejection of the paper. West's Elements of English Grammar is recommended as a text-book, and attention is particularly directed to pages 197-216.

English History.—Candidates will be required to give the chief details of leading events. While any text-book written for the upper forms of schools may be used in preparation for the examination, Gardiner's Outline of English History (Longmans) is recommended.

Composition.—Candidates will write a short essay on a subject given at the time of the examination.

Literature, 1901, 1902.—(a) Scott's Lady of the Lake (ed. Stuart, Macmillan); or Selections from Tennyson, Part 1, (ed. Rowe and Webb, Macmillan); (b) Shakspere's Richard II. (ed. Deighton, Macmillan).

In 1901† and 1902†† the requirements for the Junior Matriculation English of the University of Toronto for those years will be accepted in place of one of the following:

(a) Scott's Lady of the Lake, or Selections from Tennyson, or (b) Shakspere's Richard II.

## 2. Mathematics.

Geometry.—Euclid's Elements, Books I, II, III, with easy deductions; or an equivalent.

Arithmetic.—Elementary Rules, Vulgar and Decimal Fractions, Proportion, Percentage, Simple Interest, etc., Square Root and a knowledge of the Metric System.

Algebra.—Elementary Rules, Involution, Evolution, Fractions, Indices, Surds, Simple and Quadratic Equations of one or more unknown quantities; as in Hall and Knight's Elementary Algebra to end of Surds (omitting portion marked with an asterisk) or similar text-books.

#### 3. Latin.-Grammar.

Texts (Translation and grammatical study):—
For 1901, Cæsar, De Bello Gallico II and III; Virgil,
Aeneid II.

For 1902, Cæsar, De Bello Gallico IV and V; Virgil, Aeneid II.

Translation at Sight and Prose Composition (sentences or easy narrative based upon the prescribed prose texts).

Candidates may present an equivalent amount from the works prescribed for the Junior Matriculation Examination of the University of Toronto; and at the September examination other works in Greek or Latin equivalent to those specified may be accepted, if application be made to the Secretary of the Board of Matriculation Examiners, at least a month before the day of examination.

<sup>† 1901</sup> TENNYSON; Elaine, Lady of Shalott, St. Agnes' Eve, Sir Galahad, Lotos-Eaters Ulysses, Crossing the Bar, Early Spring, "You ask me why," "Of old sat Freedom," Love thou Thy land," the six interlude songs and "Tears, Idle Tears, in "The Princess."

<sup>†† 1902</sup> Scott : Lay of the Last Minstrel.

# Optional Subjects.

One to be taken with above compulsory subjects.

Greek.-Grammar.

Texts (Translation and grammatical study):— For 1901, Xenophon, Anabasis I or II.

For 1902, Xenophon, Anabasis I or II.

Translation at Sight and Prose Composition (sentences or easy narrative based upon the prescribed texts).

Candidates may present an equivalent amount from the works prescribed for the Junior Matriculation Examination of the University of Toronto; and at the September Examination other works equivalent to those specified may be accepted if application be made to the Secretary of the Board of Matriculation Examiners at least a month before the day of examination.

French.-For 1901 and 1902.

Grammar (Accidence and Syntax). Candidates will be required to possess an exact knowledge of the common elements; Bertenshaw's French Grammar is recommended as containing the amount required for the examination.

Translation at sight from French into English. Translation into French of easy English passages. Brief reproduction in French of a story read by the examiner in English.

German.-Grammar.-A thorough knowledge of German Accidence.

Translation.—Candidates must be able to translate into German with tolerable correctness exercises approximately equal in difficulty to those contained in the First Part of Van der Smissen's High School German Grammar or in the First and Second Parts of the Joynes-Meissner German Grammar (Heath & Co.).

Texts (translation and grammatical study):— For 1901, Leander, Träumereien (Copp, Clark Co.). For 1902, Leander, Träumereien (Copp, Clark Co.). Candidates may substitute for the foregoing texts those prescribed for the Junior Matriculation Examination of the University of Toronto, or of Dalhousie University, or those prescribed for the Leaving Examinations of Nova Scotia if notice be given to the Secretary of the Board of Matriculation Examiners at least a month before the day of examination.

Chemistry.—Elementary Inorganic Chemistry, comprising the preparation and properties of the chief non-metallic elements and their more important compounds, the laws of chemical action, combining weight, etc. (The ground is simply and effectively covered by Remsen's "Elements of Chemistry," pp. 1 to 160).

Physics.—Properties of Matter; Elementary Mechanics of Solids and Fluids, including the Laws of Motion, Simple Machines, Work, Energy; Fluid Pressure and Specific Gravity; Thermometry, The effects and modes of transmission of Heat. (See, for instance, Gage's Introduction to Physical Science, ch. I-V.)

# Matriculation Examination Regulations.

1. Matriculation Examinations (for entrance in all Faculties except the Faculty of Comparative Medicine and Veterinary Science) are held only in June and September. The examinations are held in June at McGill College, the Royal Victoria College and at local centres; in September at McGill College, the Royal Victoria College, and affiliated Colleges only.

2. The examinations in 1900 will commence on 11th June and 17th September. Special arrangements may be made for the examination of candidates who are prevented by severe illness or domestic affliction from presenting themselves on these dates.

The time-table for the September Examination will be as under:—

Wed. 11th, 9 a.m.—Latin Books and Sight Translation. 2 p.m.—Latin Grammar and Composition. Thur. 12th, 9 a.m.—Mathematics, Part I (Euclid). 2 p.m.—Mathematics, Part I (Arithmetic and Algebra).

Frid. 13th, 9 a.m.—English Grammar and History. 2 p.m.—English Literature, Dictation, Composition.

Mon. 16th, 9 a.m.—French. 2 p.m.—German.

Tues. 17th, 9 a.m.—Mathematics, Part II. 2 p.m.—Physiography, Botany, Chemistry, Physics.

Wed. 18th, 9 a.m.—Greek Books and Sight Translation. 2 p.m.—Greek Grammar and Composition.

3. The fee for the examination is payable, except in the case of examination at a local centre (see below), to the Registrar of the University, or the Secretary of the Board of Matriculation Examiners.

4. In order to obtain an examination at a local centre, any Head Master or other person must, before May 10th, submit to the Secretary of the Board of Matriculation Examiners, the name of some suitable person, preferably a University Graduate, who is willing to act as Deputy Examiner, *i.e.*, receive the questions, hold the examinations, and forward the answers to Montreal.

The fee for this local examination must be paid to the Deputy Examiner before the commencement of the examination. The University will not be responsible for local expenses.

5. Candidates may take Arithmetic, and all the English subjects except Literature at the Matriculation Examination of one year, and the remainder at the Matriculation Examination of the following year.

6. Candidates who fail in one or more subjects at the June Examination, or who have taken part only of the examination, and present themselves again in the following

September, will be re-examined in all subjects except those in which the Examiners have reported them as having obtained not less than 50 per cent.

7. Candidates who fail to pass at the September Examination may, if so recommended, enter the First Year Undergraduate Course as Conditioned Students, with the view of subsequently obtaining full undergraduate standing by passing an examination prescribed by the Board of Matriculation Examiners.

8. Candidates who have passed Academy Grade II of the Province of Quebec, or the Preliminary subjects of the University School (A. A.) Examinations, are exempt from examination in Arithmetic, English Grammar, Dictation, and

English History.

9. The following examinations are accepted pro tanto in lieu of the Matriculation Examination, i.e., in so far as the subjects and standard are, to the satisfaction of the Board of Matriculation Examiners, the same as and equivalent to those required for the Matriculation Examination of the University; but candidates offering certificates of having passed such examinations will be required to make good their standing by passing the Matriculation Examination in such of the required subjects, if any, as are not covered by their certificates.

The Entrance or Matriculation Examination of the various Medical Boards of Canada.

The University School (A.A.) Examinations.

The First Year Entrance Exhibition Examinations, particulars of which are set out on pp. 39-42.

The Model School Riploma Examinations of the McGill Normal School, under conditions.

The Matriculation or Leaving Examinations accepted by the universities of Ontario.

The Leaving Examinations of Nova Scotia.

The Matriculation Examination of Dalhousie University.

The Leaving Examination of Prince of Wales College,

P.E.I.

Applications for exemption from the matriculation examination based upon certificates of having passed some examinations other than those above mentioned will be considered as occasion may require by the Board of Matriculation Examiners. Every such application must be accompanied by the certificates and full particulars, and should be addressed to the Secretary of the Board.

#### Matriculation Fees.

For the Matriculation Examination \$5 00
For candidates who take the examination in part or
who, through failure or other cause, do not com-
plete it—for the first examination 5 00
For any subsequent examination 2 00
For examination of certificates, other than A.A. Cer-
tificates, in respect of which candidates are ex-
empted from the whole of the Matriculation
Examination
Candidates who have passed the University School (A.A)
Examination in the required matriculation subjects, and
desire to enter the University, are required to pay the same
fee as that for the Matriculation Examination, viz., \$5.00, less any sum already paid in connection with the University
less any sum already paid in connection with the University

Certificates will be issued to candidates successful in the matriculation examinations without additional fee. Duplicate certificates will not be granted unless satisfactory proof be given of a loss or destruction of the original. The fee for a duplicate certificate is One Dollar.

School (A.A.) Examination.

# Students of Other Universities Applying for Equivalent Standing.

Any student of another University desirous to be admitted to this University with equivalent standing is requested to send with his application:—

1st.—A Calendar of the University in which he has studied, giving a full statement of the courses of study.

2nd.—A complete statement of the course he has followed.

3rd.—A certificate of the standing gained, and of conduct. These will be submitted to the Faculty who will decide what examination may be necessary before admitting the candidate.

## Registration.

1. Candidates for entrance (Undergraduates, Conditioned Students and Partial Students), are required to attend at the office of the Registrar of the University for the purpose of giving their addresses and other particulars, and of signing the following declaration in the Matricula or Register:

" Ihereby declare that I will faithfully observe the Statutes, rules and ordinances of this University of McGill

College to the best of my ability."

2. Every Undergraduate or Conditioned Student must produce to the Registrar of the Faculty of Medicine his Matriculation Certificate or other certificate accepted or qualifying the candidate for entrance. The candidate is then entitled to enter as an undergraduate or conditioned student, as the case may be, in the Faculty.

3. After the lapse of a fortnight from the commencement of lectures, Professors and Lecturers in charge of classes require every attending student to produce his ticket of admission, and will report to the Registrar the name of any

student failing to produce it.

# III.

# Requirements for License.

Intending Students are reminded that a University degree in Medicine does not always give a right to practise the profession of Medicine. It is necessary to conform with the Medical laws of the country or province in which it is proposed to begin practice. Each province in Canada at present has its special requirements for its license and in most provinces a special standard of general Education is insisted upon before beginning the study of Medicine.

The requirements for those who intend to practise in any of the Provinces of Canada, or in Great Britiair, etc, are as follows :-

# A. General Council of Medical Education and Enregistration. of Great Britain.

A license from this body entitles the holder to practice in England, Ireland, Scotland and all colonies except the various provinces in Canada. The Matriculation Examination in Medicine of this University, as described on pp. 11-22, is accepted by the General Medical Council. Graduates of this University desiring to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance on lectures, practical work and clinics are also accepted by the various examining boards in Great Britain. To obtain a licence from the General Council it is necessary for all Canadian graduates to pass one of the examining boards of Great Britain in both primary and final subjects.

Detailed information may be obtained from one of the three registrars: Henry E. Allen, B.A., 299 Oxford St., London, W.; J. Robertson, 54 George St., Edinburgh; S. W. Wilson, 35 Dowson St.,

Dublin.

# B. The Province of Quebec.

No University Matriculation Examination is accepted by the College of Physicians and Surgeons of this Province. Graduates in Arts of any British or Canadian University are however exempted from examination on presentation of their Diplomas.

Those who pass the Preliminary Examination described below, or Graduates in Arts who register as students in the C. P. & S., Quebec, on beginning their studies in Medicine, obtain on graduating from McGill University a license to practise in Quebec without further examina-

Graduates who have registered with the General Council of Great Britain are at present admitted to practice without examination. The requirements for the Matriculation Examination of the Pro-

vince of Quebec for 1901 are:—
LATIN.—Cæsar's Commentaries, Bks. I., II., III.—Virgil's Aeneid,
Bks. I. and II.—The Odes of Horace, Bk. I., with a sound
knowledge of the Grammar of the Language.
ENGLISH.—For English-speaking candidates.—A critical knowledge of
of one of Shakspere's plays, viz., A Winter's Tale, for 1901,
with English Grammar, as in Dr. Smith or Mason.
For French-speaking candidates.—Translation into French of
passages from the first eight Books of Washington Irving's

passages from the first eight Books of Washington Irving's Life of Columbus, with questions on Grammar. Translation into English of extracts from Fénélon's Télémaque.

FRENCH.—For French-speaking candidates.—A critical knowledge of Racine's "Athalie" and La Fontaine's Fables, Bks. I., II.,

III., with questions on Grammar and Analysis.

For English-speaking candidates.—Translation into English of passages from Fénélon's Télémaque, with questions on Grammar. Translation into French of easy English extracts.

Belles Lettres and Rhetoric.—Principles of the subject as in

Haven's Rhetoric, or Boyd's Rhetoric and Literary Criticism.
Haven's Rhetoric, or Boyd's Rhetoric and Literary Criticism.
History of the Literature of the age of Pericles in Greece,
of Augustus in Rome, and of the 17th, 18th and 19th centuries of England, and France.
HISTORY.—Outlines of the History of Greece and Rome, and particular knowledge of the History of Britain, France and Canada.

GEOGRAPHY.—A general view, with particular knowledge of Britain,

France and North America.

ARITHMETIC.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.

ALGEBRA.—Must include Fractions and Simultaneous Equations of the First Degree.

GEOMETRY.—Euclid, Bks. I., II., III., IV. and first 20 propositions of Book VI., or the portion of plane Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes of regular geometrical figures.

CHEMISTRY.—Outlines of the subject as in Remsen's Elements of Chemistry.

BOTANY.—Outlines as in Gray's "How plants grow."

Physics.—Outlines as in Peck-Ganot's Physics.

Philosophy.—Elements of Logic as in Jevon's Logic; Elements of Philosophy, as in Professor Murray's Hand-Book.

The Examinations will be held in September 1901, at Quebec, and in June, 1901, at Montreal. Applications to be made to Dr. J. A. Macdonald, No. 1 Belmont Street, Montreal, or to Dr. J. P. Boulet, Quebec, who will furnish schedule giving text-books and percentage of marks required to pass in each subject.

Examination Fee, twenty dollars. Should the candidate be unsuccessful, one-half of the fee will be returned.

Of the four years' study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College or Incorporated School of Medicine recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the fourth year.

Students wishing to register degrees in Arts must do so before the 15th of September of the year in which they begin the study of Medicine in order to obtain a license as soon as they graduate from the University.

# C. The Province of Ontario.

Every one desirous of being registered as a matriculated medical student in the register of the College of Physicians and Surgeons of this Province, except as hereinafter provided, must present to the Registrar the official certificate of having passed the "Departmental Pass Arts Matriculation Examination," and in addition Physics and Chemistry—whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts of any University in His Majesty's dominions, are not required to pass this examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications, and upon paying the fee of twenty dollars.

A certificate from the Registrar of any chartered University conducting a full Arts course in Canada, that the holder thereof matriculated prior to his enrolment in such University, and passed the examination in arts prescribed for students at the end of the first year, shall entitle such student to registration as medical student under *The Ontario Medical Act*.

Every medical student, after matriculating, shall be registered in the manner prescribed by the Council, and this shall be held to be the beginning of his medical studies, which shall date from that registration. To become a Registered Practitioner in this province four years' attendance at a recognized Medical School is required and a fifth year to be spent in hospital or laboratory work must

elapse before the final examination is granted.

Students are examined in all the subjects of a medical curriculum by the Examining Board of the C. P. & S. of this province at three examinations, a primary (II. year), an intermediate (IV. year), and

Full details may be obtained on application to Dr. R. A. Pyne, Registrar, Cor. Bay and Richmond Sts., Toronto.

# D. The Province of New Erunswick.

The matriculation requirements of this province are:-

1. English Grammar, Composition, Literature and Rhetoric. 2. ARITHMETIC, including vulgar and decimal fractions, extraction of the square and cube root and mensuration.

3. ALGEBRA, to the end of quadratic equations.

4. GEOMETRY, first three books of Euclid. 5. LATIN, first two books of Virgil's Æneid, or three books of

Cæsar's Commentaries, translation and grammar.
6. ELEMENTARY MECHANICS of solids and fluids, comprising the elements of statics, dynamics and hydrostatics.
7. ELEMENTARY CHEMISTRY.
8. CANADIAN AND BRITISH HISTORY, with questions in modern

geography.

9. TRANSLATIONS and Grammar of any two of the following languages: Greek, French and German.

In order to pass, a candidate must make an average of sixty per

cent., with a minimum of forty per cent. in any one subject.

Dr. Stewart Skinner, of St. John, N.B., is the Registrar of the
Council of Physicians and Surgeons of this province, and will furnish details on application. o become registered as a practitioner in this province it is now

ssary to pass examinations in all the Professional Branches.

#### E. Province of Nova Scotia.

The regulations of the Provincial Medical Board of this province for 1900-1901 are as follows:-

# PRELIMINARY EXAMINATION AND REGISTRATION.

1. No person shall begin or enter upon the study of medicine, for the purpose of qualifying himself to practice the same in this province, unless he first produces to the Registrar a certificate from the examiners appointed by the Board to show that he has passed the Preliminary Examination in the subjects prescribed by the Rules and Regulations of the Board, or evidence of having passed such equivalent examination as is accepted by the Board, and unless he causes his name to be forthwith entered in the Medical Students' Register as hereinafter specified (Rule 15).

2. No candidate shall be admitted to the Preliminary Examination unless at least fourteen days previous to such examination he has given notice to the Registrar of the Board of his intention to present himself for such examination, and unless he has produced to the Registrar satisfactory evidence that he has completed his sixteenth year and has paid a fee of ten dollars (\$10.00) to the Registrar.\*

<sup>\*</sup> This fee shall not be returned in case of failure.

3. The Preliminary Examination; will embrace the following subjects, viz. :-

(1) English. (a) Language: Grammar, Analysis, Parsing.

(b) Rhetoric and Composition including an essay on one of several set subjects from prescribed authors.

(c) Literature: History of English Literature; critical study of prescribed authors.

(2) ARITHMETIC. Complete.

(3) ALGEBRA. Simple Rules: Rules for the treatment of Indices; Surds; Extraction of Square and Cube Roots; Equations of the First Degree: Quadratic Equations of one unknown quantity

(4) GEOMETRY. Euclid, Books I., II., III., with easy deductions.

(5) HISTORY AND GEOGRAPHY. British and Canadian History with questions in General Geography.

(6) LATIN. (a) Translation from prescribed books, with questions arising out of those books, and translation of easy passages not taken from such books.\* (b) Grammar

(c) Composition.

(7) One of the following :

GREEK. (a) Translation from prescribed books, with questions arising out of those books, and translation of easy passages, not taken from such books.

(b) Grammar, as in Elementary Grammars. (c) Composition, as in Frost's Greek Primer.

FRENCH. Translation from prescribed books with Grammar Questions limited to the Accidence, and based upon the passages prescribed for translation.

GERMAN. Translation and Grammar, as under French.

4. Examinations take place twice a year, beginning on the first Thursday in May and the last Thursday in August.

On the same dates local examinations will be held, on application at Sydney, C.B., at Pictou, N.S., and at Yarmouth, N.S. Candidates taking local examinations are required to pay an additional fee

5. Except where otherwise specified, the books prescribed by the Council of Public Instruction for the course leading to the Grade B or High School Junior Leaving Examinations are recommended.

6. In order to pass, a candidate must make fifty per cent. of marks in each subject.

7. If fifty per cent, is made in all subjects but one, and if in that subject the candidate shall have made at least 25 per cent, he may begin study, and attend for one medical year at any medical college recognized by the Board, and thereafter present himself for examinaexcept in cases of candidates taking local examinations, who will be required to pay the usual \$2.00 fee for such examination.

† Greek for 1901. Xenophon., Anabasis, Book III.

<sup>†</sup> For copies of previous examination papers (\$1.00 one entire set) apply to Registrar Provincial Medical Board.

English authors for 1901. DeQuincy, Joan of Arc; Tennyson, The Princess; Dickens, Christmas Carol; Scott, Lady of the Lake. \* Latin for 1901. Casar, De Bello Gallico, Book V, with Vergil, Eneid, Book II.

French for 1901. Voltaire, Charles XII, Books I, II, III.

<sup>|</sup> German for 1901. Buchheim, German Reader, Part I.

8. A candidate failing in more than one subject, or failing to make 25 per cent. in any subject, may not begin professional study; he will, however, at any subsequent examination, be exempted from all subjects in which he has already passed and shall for such examination pay an additional fee of \$5.00, (or \$7.00 if a local examination

9. Certificates will be issued to successful candidates, showing the subjects in which they have passed, and the extent to which their

knowledge of these subjects was tested.

10. Candidates who have passed the above examination will be admitted without further preliminary examination at all Canadian

and American Colleges.

11. This examination also satisfies the requirements of the General Medical Council of Great Britain as to the preliminary examination which must be passed by persons wishing to register as medical students, provided the candidate shall have passed in all subjects at one examination.

#### EXEMPTIONS.

12. Graduates in Arts or Science of any recognized College or University, also persons who have passed the entrance examination of the Nova Scotia Barristers' Society, are not required to submit to this examination.

13. The Medical Board will also recognize pro tanto the following

(1) The Matriculation or the Sessional Examinations of any chartered University or College approved by the Board, including McGill University.

(2) The Examinations for Teachers' Licenses, Grade A or B, of Nova Scotia, with 50 per cent. in required subjects.

(3) The Examinations for Junior or Senior High School Leaving Certificates of Nova Scotia, with 50 per cent. in required (4) The Examinations for Honour, First or Second Class Ordinary

Diplomas, as issued by the Prince of Wales College, P.E.I., with

50 per cent. in required subjects.

(5) The Examinations for First or Second Class Teachers' Licenses of Prince Edward Island, with 50 per cent. in required subjects. Examinations for First Class, or Grammar School Licenses (6) The

of New Brunswick, with 50 per cent. in required subjects.

(7) The Examinations for corresponding Licenses or Leaving Examination Certificates issued by the Education departments of the other provinces of Canada, with 50 per cent. in required subjects.

(8) The Matriculation or Preliminary Examinations of any Medical Licensing Board or Council authorized by law in His Majesty's

Dominions, with 50 per cent. in each subject.

14. After passing his preliminary examination, the medical student may then enter upon his professional course at any University, Medical School or College approved by the Board.

#### REGISTRATION.

15. Immediately after entering upon his course every person engaged in the study of medicine for the purpose of qualifying himself to practice in the Province of Nova Scotia shall forthwith cause to be practice in the Province of Nova Scotia shall forthwith cause to be entered in the register of the Board kept by the Registrar, and called the Medical Students' Register, his name, age, place of residence, date and particulars of his preliminary examination, and place and date of his commencement of the study of Medicine.

16. The fee for such registration is ten dollars (\$10.00), except that candidates who already have paid \$10.00 for the Matriculation Examination are not required to pay any additional fee.

17. Every student must spend a period of at least four years in

actual professional study subsequent to his having passed the Preliminary or Matriculation Examination and being registered as a medical student; and the prescribed period of study shall include four collegiate sessions of at least eight months duration each year.

18. Candidates for the License of this Board will be required subsequent to their registration as Medical Students, to pass three examinations to be known as the First, Second, and Third Profeseration.

sional Examinations.

19. These examinations will be held annually beginning on the third Wednesday in June of each year. The examinations will be partly in writing, partly oral and practical.

Dr. A. H. W. Lindsay, Halifax, is Registrar of the Provincial

Board.

#### Prince Edward Island.

The requirements of this province are the same as for New Brunswick and has reciprocity with both New Brunswick and Nova Scotia. The subjects of the examination are as follows:-

1. English Grammar, Composition, Literature and Rhetoric. 2. ARITHMETIC, including vulgar and decimal fractions and extractions of the square and cube root and mensuration.

3. ALGEBRA, to the end of quadratic equations.

4. GEOMETRY, first three books of Euclid. 5. LATIN, first two books of Virgil's Æneid, or three books of Cæsar's Commentary, translation and grammar.

6. ELEMENTARY MECHANICS of solids and fluids, comprising the elements of statics, dynamics and hydrostatics, and elementary chemistry.

7. CANADIAN AND BRITISH HISTORY, with questions in modern geography.

8. TRANSLATION and grammar of any two of the following subjects: Greek, French, German.

Fifty per cent. of the marks in every subject shall be required for a pass, and 75 per cent. for honours. The Registrar of the Medical Council is Dr. Richard Johnson, Prince Street, Charlottetown.

#### Province of Manitoba.

The matriculation examination of McGill University is accepted by this province. The province holds an examination twice per year. The following are the fixed requirements:—(1) Latin, (2) Mathematics, (3) English, (4) History, (5) Botany, (6) Physics. Subjects 1, 2, 3, 4 the same as required for the Arts Matriculation of Manitoba University, Parts I. and II., and the same standard shall be required to enable the candidate to pass.

Details of this examination can be obtained from the Registrar of

the University of Manitoba.

#### British Columbia.

The College of Physicians and Surgeons of this province does not hold an examination in general education but accepts the examinations recognized by the various boards and universities of the Dominion.

This province examines all candidates for a license in the professional branches, both primary and final. For dates of these examinations see almanack at beginning of the Calendar. Dr. C. J. Fagan, Victoria, B.C., is the Registrar and Secretary of the Council.

# North-West Territories.

The College of Physicians and Surgeons of the North-West Territories has no standard of matriculation.

Canadian Medical Board or University.

According to the Amended Medical Ordinances (1900), a licenciate of any province in Canada may register and practice in the North-West Territories on payment of the sepcial fee and without exami-nation. The College reserves the right of examining graduates of

Hugh W. Bain, M.D., of Prince Albert, Saskatchewan, is the Registrar. The dates fixed for examinations will be found in the

almanack.

#### Newfoundland.

The Newfoundland Medical Board has a standard of preliminary education equivalent to that required by the General Council of Medical Education of Great Britain.

The examinations for 1900-01 will consist of :-

#### Compulsory.

ENGLISH LANGUAGE. -- Including grammar, composition and literature. ARITHMETIC.-Including vulgar and decimal fractions, and the extraction of the square root.

ALGEBRA.-To the end of simple equations.

GEOMETRY.—Euclid, books i, ii, iii, with easy questions on the subject matter of the same.

LATIN.—Including grammar, translation from specified authors, and translation of easy passages not taken from such authors.† ELEMENTARY MECHANICS of Solids and Fluids.‡

#### Optional.§

HISTORY OF BRITISH AMERICA.—With questions in modern geography. HISTORY OF ENGLAND .- With questions of modern geography. FRENCH.—Translation and grammar. GERMAN.—Translation and grammar. GREEK.-Translation and grammar. MAGNETISM AND ELECTRICITY. CHEMISTRY.

(a) The Board will not, in future, accept any certificate of pass in matriculation or preliminary examination in general education, unless the whole of the subjects included in the matriculation or preliminary examination required by the Council for registration of students of medicine have been passed at the same time.

† As in Blackie's Elements of Dynamics, or an equivalent.

<sup>†</sup> Latin for 1901. Casar Gallic War, Book I, or Virgil, Eneid, Book I.

<sup>§</sup> In communicating with the Registrar, students will please state the optional subject chosen

<sup>||</sup> Greek for 1901, Xenophon, Anabasis, Book I; or Hellenica, Book I.

(b) Provided that a certificate of having passed a University examination required for graduation in Arts, or a senior or higher local University examination, or an Intermediate grade examination of the Council of Higher Education of Newfoundland, or of the Grade I. license for teachers of Newfoundland, wherein the specified subjects of general education are included, may be recognized for the purpose of registration.

In order to pass a candidate must make fifty per cent. of marks in

each subject.

Certificates will be issued to successful candidates showing the subjects in which they passed, and the extent to which their know-ledge of these subjects was tested.

Candidates who have passed the above examination will be ad-

mitted without further preliminary examination at all Canadian and

American colleges.
TEXT BOOKS.—Except when otherwise specified the books prescribed by the Council of Higher Education are recommended.

# TIME TABLES FOR SESSION 1900-1901.

Time Tables for the Session of 1901-02 will be issued to each student with his Lecture Room ticket on enregistration.

# TIME TABLE OF FIRST YEAR LECTURES.

TIME TABLE OF FIRST THREE							
LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
Anatomy	9	9	9	9	-9		{ Autumn & Winter Terms No. 1.
Physiology	4	4		4	3		Winter & Spring Terms No. 1.
	2			2	2		Autumn Term No. III.
Chemistry {			2		2		Winter & Spring Terms No. III.
Biology		2				9	Autumn Term No. I.
Bacteriology		2					Spring Term.
Laboratory Work.  Practical Anatomy	10-1	10-1	10-1	10-1	10-1	9-1	
*Prac. Physiology			3-5				
*Prac. Histology	S Company				. 4-6	9-1:	Winter and Spring.
*Prac. Chemistry		10-1	2 10-1	2 10-1	2		Winter Term.
*Prac. Biology		3-5			3-5		Biological Labora- tory Art Bld'g. Autumn Term.
*Bacteriology		3-5	1	.+.,	. 3-5		Spring Term.

<sup>\*</sup> Class taken in two divisions.

# TIME TABLE OF SECOND YEAR LECTURES.

TIME TABLE OF SECOND THE								
LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.	
Anatomy	9	9	9	9			{ Autumn & Winter Terms No. I.	
Physiology	2	3	2 3		3		No. III.	
Pharmacology	4		4		4		No. I.	
and Therapeutics	1.							
Laboratory Work- Practical Anatomy	10-1	10-1	10-1	10-1	10-1	10-1	Autumn & Winter Terms.	
†Prac. Chemistry		9-11	9-11	9-11	9-11	9-11	Spring Term.	
†Prac. Physiology							Maum	
†Prac. Histology		4-6		4-6		9-12	Autumi 2014	

<sup>†</sup> Half the class only.

NOTE.—Students of the second year when not engaged in the laboratories are required to attend the Out Patients' Clinics (only) of M. G. H. or R. V. H. 11 a.m lo 1 p.m.; attendance to average two hours per week. Certificates required for graduation.

# TIME TABLE OF THIRD YEAR LECTURES.

LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.		
Gynæcology	9			9			Ш		
Medicine			*11-12	10					
Surgery	10		0.000	1			III		
Jurisprudence and Mental	10		T12-1		10		III		
Diseases	11				11		I		
Pharmacology and Therapeutics		11		11			I		
General Pathology	5 5	9	9 9		9		III—Autumn Term III—Jan.—March		
Hygiene and Bacter-		9			9		III—Autumn Term		
iology	5	9	9		9		III—March—June		
Morbid Anatomy						§9-11			
Clinical Medicine	2	1 p.m.		2 p.m.	1	30-11			
Chilical Medicine	RVH	MGH		RVH	MGH				
01: 1 0	1 p.m.	2							
Clinical Surgery	MGH	RVH		1 p m. MGH	2 p.m. RVH				
Practical Pathology							Path. Lab. Winter		
Clinical and Sanuary	4-6	4-6		4-6	4-6				
Chemistry	4-6	4-6		4-6	4 6		Chem. Lab. Autumn		
†Bacteriology and Union	N. Carlot				ALVE TO	1000			
Bacteriology and Hygiene	4-6	4-6		4-6	4-6		Path. Lab. Autumn		
Clinical Microscopy	4-6	1-6		4-6	4-5		Path: Lab. Spring		
‡†Operative Surgery	4-6	4-6		4-6	4-6		Anat. Lab. Spring		
a Alternate weeks M.C.H. I.D.W.H.									

\* Alternate weeks, M.G.H. and R.V.H. † Optional. § Weekly for alternate months R.V.H. and M.G.H.

† Classes taken in groups.

#### TIME TABLE OF FOURTH YEAR LECTURES

TIME TABLE OF FOURTH TEAR EECTURES.							
LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
Obstetrics		11	11		11		III
Medicine		10	‡11 12	10			III
Surgery	10		‡12-1		10		III
Med, and Sur. Pathology Ophthalmology				11			III
	11						III
*Out Patients' Clinics	11-12 12-1	11-12 12-1	11-12 12-1	11 12 12-1	11-12 12-1	11-12	R. V. H. M. G. H.
Clinical Medicine	1	1		i	1		R. V. H. M. G. H.
Clinical Surgery	2	1		2	1		M.G. H. R. V. H.
Gynæcological Operations		11					R. V. H.
*Clinical Ophthalmology {	4		4				M. G. H.
+6		4			4		R. V. H.
, ,	iı			4			M. G, H. R. V. H.
Morbid Anatomy						89-11	
Clinical Obstetrics							Maternity Hospital.
*Dermatological Clinic			2			11	м. с. н.
Genito-Orinary Clinic linic						3	R. V. H.
*Diseases of Children Clinic		4					M. G. H.
*Laryngology	4		3		4		M. G. H.
Medical and Surgical Anatomy	5						R. V. H. Autumn Term
Children's Diseases					5		

‡ Alternate weeks M.G.H. and R.V.H.

\*In groups of eight or ten † In groups of four. ‡ Alternate \$ Weekly for altesnate momths M.G.H. and R.V.H.
Special time table published for the Clinics whith are attended in groups.

V.

## COURSES OF LECTURES.

The Corporation of the University, on the recommendation of the Faculty of Medicine, in 1894, consented to the extension of the courses of lectures in medicine over a period of about nine months instead of six.

By this means, (1) The students of the primary years have a more ample opportunity of becoming acquainted, by laboratory work, with those branches of study which form the scientific basis of their profession, and (2) the final students will be able to utilize to better advantage the abundance of clinical material provided in the two Hospitals.

By this arrangement the actual number of didactic lectures per session was decreased, but a corresponding increase was made in the amount of tutorial work and individual teaching in the laboratories for Chemistry, Physiology, Anatomy, Pathology and Bacteriology as well as giving more Montreal General Hospitals a greater number of ward classes were also made possible during the session.

The Faculty expects, by thus increasing the time that the different professors, lecturers and demonstrators devote to each student, to accomplish two very important ends: First, to do away with the injurious effects which result from attempting to condense the teaching of medicine and surgery into four or even five sessions of six months; Second, to give each student a sounder and more thoroughly practical knowledge of his profession than could be obtained by attending during even five sessions of six months each.

#### Anatomy.

Professor, Francis J. Shepherd. Lecturer, J. A. Springle.

LECTURER AND SENIOR DEMONSTRATOR, J. G. McCarthy.

DEMONSTRATORS,

R. TAIT MACKENZIE.
J. A. HENDERSON.
J. J. ROSS.
A. E. ORR.

ASSISTANT DEMONSTRATORS,

A. MACKENZIE FORBES.
A. T. BAZIN.
H. M. CHURCH.
R. A. WESTLEY.

Anatomy is taught in the most practical manner possible, and its relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

A course of practical demonstrations in Medical, surgical and Topographical Anatomy is also given in the final year of the course.

The department of *Practical Anatomy* is under the direct control and personal supervision of the Professor of Anatomy, assisted by his staff of Demonstrators.

The methods of teaching are similar to those of the best European schools, and Students are thoroughly grounded in this branch.

Every student must be examined at least three times on each part dissected, and no certificate is given unless the examinations are satisfactory.

Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Prizes are awarded at the end of the Session for the best examination on the fresh subject.

The Dissecting Room is open from 9 a. m. to 6 p. m. Abundance of material can be obtained, owing to the Anatomy Act of the Province of Quebec.

#### Chemistry.

PROFESSOR, GILBERT P. GIRDWOOD.

The course of this subject is carefully graded. Students of the first year receive lectures on Chemical and Physiological Physics and the general principles and theories of the science. In the second year the course on chemistry is extended to embrace its application to physiology and medicine, and includes a course in Organic Chemistry. The lectures are fully illustrated by experiments, for which the department is equipped with all modern Lecture-room apparatus.

# Practical Chemistry.

PROFESSOR R. F. RUTTAN,
W. K. BROWN,
A. T. IRVINE,

LABORATORY ASSISTANT, CHARLES STEVENSON.

Laboratory instruction in practical chemistry is given during each of the first three years of study throughout one term.

The first year's course illustrates the general principles of chemical action and the properties of typical elements. During the second year the course will include methods of qualitative analysis and the detection of poisons. In the third year a course of clinical and sanitary chemistry is given, in which the student is made familiar with the application of chemistry to the diagnosis and prevention of disease. Special attention is directed to instructing the student in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticised.

## Physiology.

THE JOSEPH MORLEY DRAKE PROFESSOR, WESLEY MILLS.
LECTURER, W. S. MORROW.

DEMONSTRATORS, J. W. SCANE AND A. A. ROBERTSON.

The purpose of this course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology; its methods, its deductions, and the basis on which the latter rest.

The teaching will be carried out in the form of lectures, class demonstrations, group demonstrations, laboratory work for the individual student, etc.

The laboratory work consists of two parts: physiological chemistry and experimental physiology. Students will be provided with the apparatus necessary to enable them to investigate for themselves a large number of the principles of physiology by means of the graphic method.

They will also investigate food stuffs, digestion, the principal fluids of the body, the nature of proteids, etc., and become familiar with spectrum analysis as applied to physiology.

The course as a whole is divided into a more elementary part for students of the first year, and a more advanced course for students of the second year.

#### Histology

Professor, Geo. Wilkins. Lecturer, N. D. Gunn.

ASSISTANT DEMONSTRATORS,

HUGH B. FRASER. WALTER B. FISKE. DAVID PATRICK.

The teaching of Histology and Microscopical Methods is spread over two years. During both years practical instruction will be given upon the preparation and mounting of specimens. Students will also be required to make drawings of the specimens prepared by them.

For the first year students, work will commence immediately after the Christmas holidays and continue until the end of the session. The course will consist of laboratory work and demonstrations, with occasional lectures upon elementary and systematic histology up to and including the digestive system. At the end of the session a practical examination will be held on the work done.

The second year students will commence work with the beginning of the session and continue until the Christmas holidays. The course will be a continuation of the first year's work, completing the subject of histology. Demonstrations will be given embracing the whole subject. The examinations will be held at the end of the course and will be both written and practical, and cover the whole of histology.

#### Pharmacology and Therapeutics.

Professor, A. D. Blackader.

Lecturer, J. W. Halsey.

Demonstrator, R. A. Kerry.

The lectures on this subject are graded in the following manner:

During the primary course attention is directed chiefly to Pharmacology, including the important chemical and physical properties of the various drugs, and a brief consideration of their physiological action; therapeutics is considered only in outline. A complete museum of Materia Medica affords the student opportunity for making himself acquainted with the drugs themselves. During the session a course of demonstrations on Practical Materia Medica and Pharmacy is given.

During the final course the physiological action of drugs is dwelt upon at length, and attention is given to the therapeutic application of all drugs and remedial measures. Prescription writing and the various modes of administering drugs are explained and illustrated. During the course a series of lectures will be delivered in the theatres of the hospitals on special cases or groups of cases, illustrating important points in both general and special Therapeutics.

# Medicine.

PROFESSOR, JAMES STEWART.

Assistant Professors, F. G. FINLEY.
H. A. LAFLEUR.
C. F. MARTIN.

LECTURERS, G. GORDON CAMPBELL. W. F. HAMILTON.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the general laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to women and children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Professor of Pathology.

The College possesses an extensive series of plates and models illustrative of the Histological and Anatomical appearances of disease, and the wards of the General and Royal Victoria Hospitals afford the lecturers ample opportunities to refer to living examples of very many of the maladies described, and to demonstrate the results of treatment.

## Clinical Medicine.

PROFESSOR, JAMES STEWART.

ASSOCIATE PROFESSORS, F. G. FINLEY AND H. A. LAFLEUR.

ASSISTANT PROFESSOR, C. F. MARTIN.

DEMONSTRATOR, S. RIDLEY MACKENZIE.

The instruction in Clinical Medicine is conducted in the theatres, wards, out-patient rooms and laboratories of the Royal Victoria and Montreal General Hospitals.

The courses include :-

I. The reporting of cases by every member of the Graduating Class, a certain number of cases being assigned to each student. II. Bedside instruction for members of the Graduating

III. Two Clinics weekly in each hospital.

IV. Tutorial instruction for the Junior Classes, in the wards and out-patient rooms of both hospitals.

V. Instruction in Clinical Chemistry and Bacteriology.

#### Surgery.

PROFESSOR, THOMAS G. RODDICK.

J. M. ELDER.
A. E. GARROW.

This course consists of the Principles and Practice of Surgery and Surgical Pathology, illustrated by a large collection of preparations from the Museum, as well as by specimens obtained from cases under observation at the Hospitals. The greater part of the course, however, is devoted to the Practice of Surgery, in which attention is constantly drawn to cases which have been observed by the class during the session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form special departments of this course.

## Clinical Surgery.

PROFESSOR, JAMES BELL.
ASSOCIATE PROFESSOR, GEORGE E. ARMSTRONG.

LECTURERS,

J. M. ELDER.

A. E. GARROW.

DEMONSTRATOR, KENNETH CAMERON.

The teaching in Clinical Surgery is conducted at the Montreal General and Royal Victoria Hospitals.

I. In the amphitheatre of each of these Hospitals, demontrations are given and operations are performed before the senior and junior classes on alternate days.

II. Small ward classes of about ten men in each are taken through the wards by the surgeon in attendance, and instruction given at the bedside concerning the nature and management of surgical cases, in each hospital, at least once per week.

III. Beds are assigned to students in rotation, and each student is required to carefully study and report cases and to assist in the surgical dressing of the same. Certificates of case reporting are given, and are essential to graduation.

IV. In the Out-patient Department students have an exceptionally good opportunity to study a great variety of injuries, to witness operations in minor surgery, to come into personal contact with patients and to take part in the application of a variety of surgical dressings and appliances.

## Obstetrics and Diseases of Infants.

PROFESSOR, J. CHALMERS CAMERON.

LECTURER, D. J. EVANS.

DEMONSTRATOR, JAMES BARCLAY.

ASSISTANT DEMONSTRATOR, T. P. SHAW.

This course will embrace: (1) Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, complete sets of models illustrating deformities of the pelvis, wax preparations, bronze mechanical pelvis, etc. (2) Bedside instruction in the Montreal Maternity, including external palpitation, pelvimetry, the management and after-treatment of cases. (3) A complete course on obstetric operations with the phantom and preserved foetuses. (4) The diseases of infancy. (5) A course of individual clinical instruction at the Montreal Maternity.

Arrangements have been made for a graded course in Obstetrics, instruction being given separately to third year and final students.

Particular attention is given to Clinical instruction, and a Clinical examination in Midwifery similar to that held in Medicine and Surgery now forms part of the final examination.

A short course of lectures on diseases of infancy is given, supplemented by Clinical demonstration and ward work.

# Qynæcology.

PROFESSOR, WM. GARDNER. LECTURER, F. A. M. LOCKHART.

DEMONSTRATORS,

J. D. CAMERON.
W. W. CHIPMAN.

The didactic course is graded, and consists of from forty to forty-five lectures given at intervals alternating with the lectures of Obstetrics and extending throughout the session. The anatomy and physiology of the organs and parts concerned are first discussed. Then the various methods of examination are fully described, the necessary instruments exhibited, and their uses explained.

The diseases peculiar to women are considered as fully as time permits, somewhat in the following order:—Disorders of Menstruation; Leucorrhoea; Diseases of the External Genital Organs; Inflammations, Lacerations and Displacements of the Uterus; Pelvic Cellulitis and Peritonitis and Inflammations of the Ovaries and Fallopian Tubes; Benign and Malignant growths of the Uterus; Tumors of the Ovary; Diseases of the Bladder and Urethra. The lectures are illustrated as fully as possible by drawings and morbid specimens.

Clinical teaching, including out-patient and bed-side instruction, is given at both Royal Victoria and Montreal General hospitals by Professor Gardner and Doctors Lockhart, Chipman and Cameron. A large amount of Clinical material is thus available for practical instruction in this department of medicine. Numerous operations are done before the class, and made the subject of remarks. In addition to the ward-patients, each hospital conducts a large out-patient Gynaecological Clinic, to which advanced students are admitted in

rotation and instructed in digital and bi-manual examination and in the use of instruments for diagnosis.

Particular attention is thus given to Clinical instruction, and a Clinical examination in Gynaecology similar to that held in Medicine and Surgery now forms part of the final examination.

#### Medical Jurisprudence.

### PROFESSOR, GEO. WILKINS.

Special attention is devoted to the subject of blood stains, the clinical microscopic and spectroscopic tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shown by the Microspectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-mortem appearance and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the class. A series of demonstrations and Clinics will be given by Prof. Johnston on the Medico-Legal cases arising out of the coroner's court, as well as those in the Montreal General Hospital. In this way Students will have practical clinical instruction in methods of Medico-Legal investigation in civil as well as in criminal cases.

An optional practical course in Legal Medicine, open to students who have fulfilled the necessary requirements in Legal Medicine, will be given by Dr. Johnston. In connection with this is a series of demonstrations and clinics on the medico-legal cases of the Coroner's Court and those arising out of cases in the Montreal General Hospital. A special certificate will be given by the Faculty to those who pass the examination held in connection with this course.

A course open to graduates in Medicine leading to the Diploma of Legal Medicine is given under the Department of Medical Jurisprudence in co-operation with other departments in the Faculty. (See Post-Graduate Instruction, p. 75.)

Ophthalmology and Otology.

PROFESSOR, F. BULLER.

LECTURERS, J. J. GARDNER.

J. W. STIRLING.

DEMONSTRATOR, W. G. M. BYERS.

This will include a course of twenty-five lectures on diseases of the Eye and Ear, both didactic and clinical. In the former, the general principles of diagnosis and treatment will be dealt with, including three lectures on the errors of refraction and faults of accommodation. At the clinical lectures given in the Hospitals, cases illustrative of the typical forms of ordinary disease of the Eye and Ear will be exhibited and explained to the class. In the out-patients' department of each Hospital students have excellent opportunities of gaining clinical experience.

### Biology.

D. P. PENHALLOW, PROFESSOR OF BOTANY.
E. W. MacBride, "Zoology.

The course in elementary Biology is designed to prepare for special study in medical subjects. Under the supervision of the professors of Botany and Zoology it will be given during the autumn term—zoology first eight weeks; botany, last four weeks.

A.—Animal Biology.

The Course in Animal Biology will discuss the fundamental properties of protoplasm; the principles of the formation of tissues; the formation of organs; an outline of vertebrate structure and function, as exemplified by Paramoecium and Vorticella, Hydra, Lumbricus and the Dog-fish.

Two lectures and one laboratory period each week.

An optional course on Embryology, given by the Professor of Zoology, is open to the students of the Medical Faculty.

## B.—Plant Biology.

The Course in Plant Biology will deal chiefly with the genproperties of cytoplasm; the structure and nature of the plant cell; movement; nutrition; respiration; fixation of carbon; division of labor and origin of organs; evolution of plant forms. These principles will be illustrated in their more simple forms by a Myxomycete, Pleurococcus, Spirogyra and Oedogonium, Fucus, Saccharomyces and Pteris.

Two lectures and one demonstration each week, beginning Monday, Nov. 25th, 1901.

#### Pathology.

PROFESSOR, J. G. ADAMI. LECTURER, A. G. NICHOLS.

DEMONSTRATORS,

D .D. MACTAGGART. D. P. ANDERSON.

J. MCCRAE.

ASSISTANT DEMONSTRATOR, D. A. E. ARCHIBALD. FELLOW, W. W. FORD.

The following courses constitute the teaching on this subject :-

- 1. A course of General Pathology for Students of the Third Year (optional for those of the Fourth). Lectures are delivered twice weekly throughout the year.
- 2. A course of demonstrations in the performance of Autopsies for Students of the Third Year. The demonstrations are held once a week, from October until Christmas.
- 3. Demonstrations upon the Autopsies of the week for Students of the two final years. These are given during the session by Dr. Adami at the Royal Victoria Hospital, and by Dr. Wyatt Johnston at the General Hospital.

### Practical Courses.

4. The performance of autopsies. Each student is required to take an active part in at least six autopsies. The autopsies are conducted at the General and Royal Victoria Hospitals by the Pathologists of the Hospitals and their assistants. In addition to the actual performance of the sectio cadaveris, students are expected to attend the practical instruction given in connection with each autopsy, in the method of preparation and microscopic examination of the removed tissues, so as to become proficient in methods of preparation, staining and mounting.

5. A practical course in Morbid Histology for Students of the Third Year. This class is held once a week during the winter months. Six sections are as a rule distributed at each meeting of the class so that each student obtains a large and representative series of morbid tissues, and upon an average twenty minutes are devoted to the description and examination of each specimen. Laboratory fee to cover cost of slides, reagents, microscope, etc., \$5.

6. A course of demonstrations upon Morbid Anatomy (Museum specimens) once weekly during the winter months, for students of the Fourth Year.

In addition to the above the staff of the department give instruction to the more advanced students who desire to undertake any special work in the laboratories. Classes in clinical pathology and microscopy are given from time to time at the Pathological Laboratory and at the General and Royal Victoria Hospitals under the direction of the Professors of Clinical Medicine. In connection with this department, two researches and teaching fellowships have been established; one by the Faculty of Medicine and one by the Governors.

### Hygiene.

THE SIR DONALD SMITH PROFESSOR, ROBT. CRAIK.
ASSISTANT PROFESSOR, WYATT JOHNSTON.

The Department of Public Health and Preventive Medicine has, owing to its endowment by Sir Donald A. Smith, been made one of the most important subjects of the third year.

The instruction will consist of two lectures per week for the whole session. Courses are given in Preventive Medicine, including Serum Therapy, on the sanitary relations of water, soil, food, and air, the use and relative value of disinfectants, domestic sanitation, including plumbing, heating, ventilation, the construction of habitations, etc., and will be illustrated by models and special apparatus. Lectures will also be given on personal hygiene, including bathing, exercise, etc., and on climate and health resorts. In addition to the course of systematic lectures, laboratory courses will be given on Bacteriology and sanitary Chemistry. The laboratory work will extend over a period of three months, and will be given twice weekly.

The working museum, model room, and laboratory are equipped with working models and apparatus to illustrate the application of hygienic principles. Demonstrations will be given from time to time as required. (See Museums.)

# Laryngology and Rhinology.

PROFESSOR, H. S. BIRKETT. DEMONSTRATOR, H. D. HAMILTON.

This course will consist of practical lessons in the use of the Laryngoscope and Rhinoscope. The instruction will be carried on with small classes, so that individual attention may be insured. A limited number of clinical lectures bearing upon interesting cases attending the clinic will be delivered during the session. These lectures will be, however, of an eminently practical nature.

### Mental Diseases.

# PROFESSOR, T. J. W. BURGESS.

This course will comprise a series of lectures at the University on Insanity in its various forms, from a medical as well as from a medico-legal standpoint. The various types of mental diseases will be illustrated by cases in the Verdun Asylum, where clinical instruction will be given to groups of senior students at intervals throughout the session.

# Diseases of Infants and Children.

PROFESSORS, A. D. BLACKADER.

J. C. CAMERON.

Although this subject does not constitute a special chair in the University, systematic instruction is given (a) in connection with the chair of Obstetrics and Diseases of Infants, by Prof. Cameron; (b) by a course of lectures, clinical and didactic by Prof. Blackader, and (c) through the Children's Clinic at the Montreal General Hospital and at the Infants' Home.

#### VI.

### DOUBLE COURSES.

By special arrangements with the Faculty of Arts, it is now possible for students to obtain the double degree of B.A., and M.D., C.M., after only six years of study.

It has been decided to allow the Primary subjects (Anatomy, Physiology and Chemistry) in medicine to count as Honor subjects of the third and fourth years in Arts. It follows then that at the end of four years' study a student may obtain his B.A. degree and have two years of his medical course completed.

The remaining two years of study are devoted to the third and fourth year subjects in Medicine.

The special provisions for Medical Students in the Arts course are as follows:—

During the first two years in the Faculty of Arts students taking the double course will complete their studies in Biology, Physics and Elementary Chemistry.

I .- In the Third Year :-

(a) Anatomy and Practical Anatomy, Histology and Physiology, of First Year Medicine.

(b) Either one or two of the courses which are not placed under the heading "Science" in the Arts curriculum.

(c) Either one or two hours weekly in English Composition.\*

<sup>\*</sup> Note. - Students are recommended to distribute their English work over two years.

## II. In the Fourth Year :-

(a) Anatomy and Practical Anatomy, Histology, Physiology, Chemistry, of Second Year Medicine.

(b) One of the courses which are not placed under the heading "Science" if only one has been taken in the Third Year.

(c) One hour weekly in English Composition, if only one has been taken in the Third Year.\*

To secure these privileges, certificates of registration in the Medical Faculty must be presented at the beginning of each year to the Dean of the Faculty of Arts; and at the end of each session in the first two years certificates of attendance on lectures and of passing the corresponding examinations must also be presented. At the end of the Third and Fourth Years certificates must be presented to show that the full curriculum of the Medical Faculty for the year has been completed.

A certificate of Licentiate in Arts will be given along with the professional degree in Medicine to those who, previous to entrance upon their professional studies proper, have completed two years in the Faculty of Arts, and have duly passed the prescribed examinations therein.

The Faculty of Medicine strongly recommends students to take an Arts course before beginning Medicine whenever possible, devoting special attention to Chemistry, Biology, Physics, and German. Should a student have but one year at his disposal he is advised to take Chemistry, Biology and Physics of the Faculty of Arts as a preliminary training for Medicine.

### VII.

# GRADUATE AND ADVANCED COURSES.

The Faculty of Medicine in 1896 established post-graduate and special courses in connection with the Montreal General and Royal Victoria Hospitals and the various laboratories in the University buildings. These courses will be continued 1902.

There will be two distinct sets of courses, one a short practical and clinical course for medical men in general practice who desire to keep in touch with recent advances in Medicine, Surgery and Pathology, and who wish special clinical experience in Gynaecology, Ophthalmology, Laryngology, etc. This course will last about six weeks, beginning about the first of May.

A special detailed programme will be prepared, and will be sent on application in February next. The fee, including

hospital fees for both hospitals, is fifty dollars.

The other courses will be for those who have just completed their regular course in Medicine, and desire special Laboratory or Clinical teaching before beginning practice.

Arrangements have also been made to accommodate a limited number of such graduates who desire advanced and research work.

Commodious laboratories for advanced work have been equipped in connection with the Pathological and Clinical departments of both the Royal Victoria and Montreal General Hospitals, and in connection with the general laboratories for Pathology, Pharmacology, Physiology and Chemistry, recently altered and extended in the new buildings of the Faculty.

Recent graduates of recognized universities desiring toqualify for examinations by advanced laboratory courses, or who wish to engage in special research, may enter at any time by giving notice, stating the courses desired and the time at their disposal.

All the regular clinics and demonstrations of both hospitals will be open to such students on the same conditions as under-

graduates in medicine of this University.

These laboratories have been open for graduates since May 1st, 1896.

Further details regarding courses, fees, etc., may be obtained on application to the Registrar.

## The Graduate Course of 1901.

The Faculty of Medicine has completed its Fifth special course of instruction for general practitioners. This course began Tuesday, May 2nd, and closed June 10, 1901.

The course consisted of :-

(A.)—Laboratory Courses.—Systematic laboratory instruction was given from 9 to 10.30 every morning in Microscopical Methods, Clinical Microscopy, Clinical Chemistry and Clinical Bacteriology, including the histology of blood in disease and serum diagnosis. These courses were conducted by Profs. Ruttan, Adami and Wyatt Johnston, assisted by Drs. C. F. Martin, N. D. Gunn, Nichols, Anderson and Yates. A course of Operative Surgery on the cadaver was given by Prof. Armstrong from 8 to 9 a.m. during the second, third and fourth weeks of the course.

B.—Laboratory and Special Demonstrations.—These demonstrations were given daily from 10.30 to midday, and consisted of one or more of the following: Modern treatment of Diphtheria, Prof. Finley; Operative Midwifery, Prof. J. C. Cameron; Mental Diseases, Dr. Burgess; Medico-Legal Autopsy Methods, Prof. Wyatt Johnston; Clinical use of Roentgen Rays, Prof. Girdwood; Illustrations of the Graphic method as applied to Physiology and Clinical Medicine, Prof. W. Mills; Anatomical Demonstration on the Cadaver, Drs. McCarthy and Tait McKenzie; Surgical Anatomy, Drs. Elder and J. Henderson; Clinical Chemistry and Urinalysis, Prof. Ruttan; Morbid Anatomy of certain diseases, Prof. Adami; Infant feeding (Modified Milk, etc.), Dr. Evans.

(C).—Medical and Surgical Clinics.—For four days each week, during the first two hours of the afternoon, there were clinics on groups of cases in the wards of the Montreal General and Royal Victoria Hospitals. Those given in the Medical Wards of the Montreal General Hospital were given

by Profs. Blackader and Lafleur; in the Surgical Wards, by Prof. Shepherd and Dr. Elder; in the Royal Victoria Hospital Medical Wards, by Prof. Stewart and Dr. C. F. Martin; in the Surgical Wards, by Prof. Bell and Dr. Garrow. In addition two or three ward classes were given weekly.

(D.)—Clinics in Special Departments of Medicine and Surgery. -One or more of these clinics were given in the Hospitals each afternoon, after the regular Medical or Surgical Clinic, and during the entire afternoon on Wednesday and Saturday of each week. The following special Clinics were given: Ophthalmology in the Royal Victoria Hospital, by Prof. Buller; in the Montreal General Hospital, by Dr. J. Gardner; Dermatology, Prof. Shepherd; Genitoby Dr. J. Gardner and Dr. J. W. Stirling; Dermatology, Prof. Shepherd; Genito-Urinary Surgery, Prof. Bell; Orthopedics, Dr. C. W. Wilson; Laryngology, Prof. Birkett and Dr. Hamilton; Gynaecology, Prof. Wm. Gardner and Dr. Chipman in the Royal Victoria Hospital, and Dr. Lockhart and Dr. J. W. Cameron in the Montreal General Hospital; Aseptic Midwifery (at the Montreal Maternity Hospital), Prof. J. C. Cameron; Diseases of Children, Prof. Blackader and Dr. G. G. Campbell.

The above course of instruction is given wholly apart from the regular lectures, clinics, etc., for undergraduates in medicine, and the Graduates may enter on the course at any time between May 1st and June 15th.

Practitioners who purpose attending this course may obtain programme of course for 1902 on application after March next to the Registrar.

### Diploma Course in Public Health.

The Faculty of Medicine in the session 1899-1900 instituted a graduate course in Public Health and Sanitary Science.

Candidates undertaking this Course must have possessed a degree in Medicine or other qualification of practice for at least twelve months before the candidate is competent to receive the diploma. The following are the courses requisite :-

- 1. Course of lectures in Public Health (to be omitted in the case of candidates who have attended such a course before graduation).
- 2. A three months' course of instruction upon infective and parasitic diseases of man and the domestic animals, which course shall include practical work in a bacteriological laboratory.
- 3. A six months' course of practical study of outdoor sanitary work under a medical officer of health (to be omitted in the case of medical health officers holding appointments prior to the establishment of this diploma course).
- 4. Three months' attendance and clinical instruction at a hospital for infectious diseases (unless such course has already been taken prior to graduation).
- 5. Three months' instruction in sanitary chemistry and physics with practical work in a chemical laboratory.

Examination for Diploma shall cover the following sub-

jects :-

- 1. Examination of clinical cases at an infectious hospital.
- 2. The drawing up of outlines for annual and other reports of officers of health.
- 3. Report upon the sanitary condition of some actual
- 4. The chemical analysis of liquids and gases and of specimens of food.
- 5. Demonstration of the consideration and use of meteorological hygienic and sanitary apparatus.
  - 6. Microscopical examination of specimens submitted.
- 7. Description of specimens of human and other diseased tissues.

8. Practical examination in the employment of the usual bacteriological methods.

9. The inspection of carcases of animals to be used for food.

The above examination shall be written and oral and practical, and shall extend over a period of four days.

The following is a list of subjects included in the curricu-

lum of study :-

(a) Sanitary Chemistry, examination of air, gases, water, the action of water on metals, milk and food; detection of poisons in articles of dress and of decoration; the chemistry of sewage.

(b) Sanitary Physics: Hydrodynamics, pneumatics and hydraulics applied to hygiene, light and photometry; heat and thermometry; the principles of hygrometry.

(c) Sanitary Legislation: Statutes and by-laws relating to public health; the powers of public sanitary authorities.

(d) Bacteriology and Parasitology: Modes of propagation of disease and transmission of disease between man and man, and man and animals; bacteriological analysis in relation to public health matters; natural history of microbes and animal parasites.

(e) Vital Statistics: Calculation and tabulation of returns

of births, marriages, and deaths and diseases.

(f) Nosology: Definition in nomenclature and classification of disease.

(g) Meteorology and Climatology: The geographical and topographical distribution of disease.

(h) Preventive Medicine and Practical Sanitation.

The fee for the Diploma shall be \$20.

# Diploma of Legal Medicine.

The Faculty of Medicine has decided to grant a Diploma in Legal Medicine, and to give Post-Graduate instruction leading to this diploma during the session of 1901-1902.

Candidates for the diploma must possess a degree in Medicine or other qualification for practice, and present certificates of having attended the following courses:—

- 1. A course of six months' scientific study in Legal Medicine, consisting of systematic lectures and practical medicolegal and toxicological instruction in laboratories and elsewhere.
- 2. A course of six months' training as assistant in medicolegal practice. The candidate shall produce a certificate, or certificates satisfactory to the Faculty, that he has continuously and actively assisted in the regular duties of some medico-legal expert, recognized by the Faculty. Of the two six months' courses referred to in this and the preceding paragraph, not more than three months shall be concurrent.

3. A special course, or courses, of lectures in Legal Medicine and mental diseases.

4. A practical (laboratory) course in Toxicology.

5. A course of instruction in the law relating to medicine, and to the status, rights, and responsibilities of the physician.

6. A series of short courses with demonstrations upon the following subjects: (a) Methods of conducting medico-legal autopsies. (b) The methods of medico-legal microscopy; procedure in the examination of blood-stains, etc. (c) Methods of skiography (d) Methods of procedure in cases of wounds and injuries. (e) Method of procedure in cases of assaults upon women and children. (f) Methods of procedure in cases of abortion and infanticide. (g) Methods of procedure in cases of the determination of sex and paternity.

(h) Methods of procedure in cases of offence against morals.(j) Methods of procedure in the study of mental conditions.

(k) Methods of procedure in examination for life and accident assurance. (l) Estimation of compensation for injury.

No candidate shall be admitted to any portion of the examination for this diploma until at least one full academic year has elapsed since his graduation in medicine.

The examination shall be both written and practical, and shall extend over a period of not less than three days. It shall be conducted by examiners appointed by the Faculty.

The requirements for the Diploma shall be attendance upon lectures and laboratory work as above outlined, but the Faculty does not accept the responsibility of giving the above course or any part of it other than as may be announced from year to year in the Medical Calendar.

The fee for the diploma is \$20.

#### VIII.

# Qualifications for the Degree,\*

1st. No one entering after September, 1894, will be admitted to the Degree of Doctor of Medicine and Master of Surgery who shall not have attended Lectures for a period of four nine months' sessions in this University, or some other University, College or School of Medicine, approved or by this University.

2nd. Students of other Universities so approved and admitted on production of certificate to a like standing in this University shall be required to pass all Examinations in Primary and Final Subjects in the same manner as Students of this University.

3rd. Graduates in Arts who have taken two full courses in General Chemistry, including Laboratory work, two courses in Biology, including the subjects of Botany, Embryology, Elementary Physiology and dissection of one or more types of Vetebrata, may, at the discretion of the Faculty, be admitted as second-year Students, such courses being accepted as equivalent to the first-year in Medicine. Students so entering will, however, not be allowed to present themselves for examination in Anatomy until they produce certificates of dissection for two sessions.

<sup>\*</sup> It shall be understood that the programme and regulations regarding courses of study and examinations contained in this calendar hold good for this calendar year only, and that the Faculty of Medicine, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole four years of a student's course, to the conditions now laid down.

4th. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education. ‡ viz. :

Anatomy Practical Anatomy, Physiology. Chemistry, Pharmacology and Therapeutics Principles and Practice of Surgery, Obstetrics and Diseases of Infants. Gynæcology. Theory and Practice of Medicine, Clinical Medicine. Clinical Surgery, Medical Jurisprudence. Genesal Pathology. Hygiene and Public Health, Paactical Chemistry. Ophthalmology and Otology, Biology. Histology. Pathological Anatomy. Bacteriology. Mental Diseases, Pediatrics. Medical and Surgical Anatomy.

Of which Two full Courses will be required.

Of which One full Course will be required.

Of which One Course will be required.t

He must also produce Certificates of having assisted at six Autopsies, of having dispensed Medicine for a period of three months, and of having assisted at twenty Vaccinations.

5th. Courses of less length than the above will only be received for the time over which they have extended.

6th. No one will be permitted to become a Candidate for the degree who shall not have attended at least one full Session at this University.

7th. The Candidates must give proof of having attended during at least twenty-four months the practice of the Montreal General Hospital or the Royal Victoria Hospital or of some other Hospital of not fewer than 100 beds, approved of

aminations in Laryngology and Minor Surgery.

<sup>†</sup> Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted. † Students enregistered in the Province of Quebec are required to attend and pass ex-

by this University. Undergraduates are required to attend only the practice of the Out-Patient departments of the Hospitals during their second year.

8th. He must give proof of having acted as Clinical Clerk for six months in Medicine and six months in Surgery in the wards of a general hospital recognized by the Faculty, of having reported at least 10 medical and 10 surgical cases.

9th. He must also give proof by ticket of having attended for at least nine months the practice of the Montreal Maternity or other lying-in-hospital approved of by the University, and of having acted as assistant at least six cases.

10th. Every candidate for the degree must, on or before the 15th day of May, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty an affirmation or affidavit that he has attained the age of twenty-one years.

11. The trials to be undergone by the Candidate shall be in the subjects mentioned in Section 4.

12. The following oath of affirmation will be exacted from the Candidate before receiving his degree:

## Sponsio Academica.

In Facultate Medicinæ Universitatis.

Ego, A—— B——, Doctoratus in Arte Medica titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo:—me in omnibus grati animi officiis erga hanc Universitatem ad extremum vitæ halitum perserveraturum; tum poro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem corducentia cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita praesens mihi spondenti adsit Numen.

13th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate to the University Bursar immediately after examination.

#### IX.

#### Examinations.

Frequent oral examinations are held to test the progress of the Student, and occasional written examinations are given throughout the Session.

The Pass and Honor examinations at the close of each Session are arranged as follows:—

#### FIRST YEAR.

Examinations in Biology, Histology, Physiology, Anatomy, Chemistry, Practical Chemistry and Elementary Bacteriology.

Students who have taken one or more university courses in Biology or Chemistry before entering may be exempted from attendance and examination. Students exempted in these first year subjects are allowed only a pass standing, but may present themselves for examination if they desire to attain an honor standing. Students exempted from First Year Chemistry must take Second Year Chemistry in their first year.

#### SECOND YEAR.

Examinations in Anatomy, Chemistry, Practical Chemistry, Physiology, Practical Physiology, Pharmacology and Histology.

#### THIRD YEAR.

Examinations in Pharmacology and Therapeutics, Medical Jurisprudence, Public Health and Preventive Medicine (including Bacteriology), General Pathology, Mental Diseases, Clinical Chemistry, Obstetrics, Medicine and Surgery.

#### FOURTH YEAR.

Examinations in Medicine, Surgery, Obstetrics, Gynæcology, Ophthalmology, Clinical Medicine, Clinical Surgery, Clinical Obstetrics, Clinical Gynæcology, Clinical Ophthalmology and Practical Pathology.

By means of the above arrangement a certain definite amount of work must be accomplished by the student in each

year, and an equitable division is made between the Primary and Final branches.

A minimum of 50 per cent. in each subject is required to

pass and 75 per cent. for honors.

Candidates must pass in all the subjects of each year; those who fail to pass in not more than two subjects of either the first second or third years may be granted a supplemental examination at the beginning of the following session.

Supplemental examinations will not be granted, except by special permission of the Medical Faculty, and on written application stating reasons, and accompanied by a fee of \$5.00

for each subject.

No candidate will be permitted, without special permission of the Faculty, to proceed with the work of the final year until he has passed all the subjects comprised in the Primary examination.

No student will be allowed to present himself for his final examinations who has not certificates of having passed all

his Primary examinations in this University.

Candidates who fail to pass in a subject of which practical courses are required may, at the discretion of the Faculty, be required to repeat the course, and furnish a certificate of attendance thereon. A course in Practical Anatomy will be accepted as equivalent to a third course of lectures in General and Descriptive Anatomy.

### X.

# Fellowships, Medals and Prizes.

The Faculty has begun to establish Teaching and Research Fellowships in connection with the various laboratories.

These fellowships are of a value of five hundred dollars per annum, are open only to graduates in Medicine, and are tenable for three years.

Two are now established in connection with the department of Pathology-a Governor's Fellowship endowed by one or two of the Governors of the University, and a Faculty Fellowship established by the Faculty. Other Fellowships will be announced as they are established.

1st. The "Holmes Gold Medal," founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., late Dean of the Faculty of Medicine. It is awarded to the student of the graduating class who receives the highest aggregate number of marks in the different branches comprised in the Medical Curriculum.

The Student who gains the Holmes' Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

2nd. The Final Prize.—A Prize in Books (or a Microscope of equivalent value) awarded for the best examination, written and oral, in the Final branches. The Holmes' medalist is not permitted for this prize.

3rd. The Third Year Prize.—A Prize in Books awarded for the best examination, written and oral, in the branches of the third year.

4th. The Second Year Prize.—A Prize in Books for the best examination in all the branches of the second year in course.

5th. The First Year Prize.—A Prize in Books for the best examination in all the branches of the first year in course.

6th. "The Sutherland Gold Medal," founded in 1878 by the late Mrs. Sutherland in memory of her late husband, William Sutherland, M.D., formerly Professor of Chemistry in this Faculty. It is awarded for the best examination in General and Medical Chemistry, together with creditable examination in the primary branches. The examination is held at the end of the third year.

7th. The "Clemesha Prize in Clinical Theraupeutics," founded in 1889 by John W. Clemesha, M.D., of Port Hope, Ont. It is awarded to the student making the highest marks in a special clinical examination.

XI.

#### Fees.

The total Faculty Fees for the whole medical course of four full sessions, including clinics, laboratory work, dissecting material and reagents, will be five hundred dollars, payable in four annual instalments of \$125 each.

For the convenience of the undergraduates, the Hospital fees are payable in the Registrar's office; ten dollars to be paid at the beginning of each of the last three sessions, viz., the second, third and fourth years. This will entitle each undergraduate to perpetual tickets for both the Montreal General and Royal Victoria Hospitals.

Partial students will be admitted to one or more courses on payment of special fees. An annual University fee of three dollars is charged students of all the faculties for the maintenance of college grounds and athletics.

Students repeating the course of study of any Academia session are not required to pay full fees. A fee of thirty five dollars will be charged, which will include Hospitals, dissecting material, chemical reagents, laboratory fees, etc. The same fee is charged students entering from other colleges who have already paid elsewhere fees for the courses taken.

An ad enudem gradum fee of \$10 will be charged students entering from another university in the second, third or fourth year of the course.

All fees are payable in advance to the Registrar, and except by permission of the Faculty will not be received later than October 20th.

It is strongly recommended to parents or guardians of students that the fees be transmitted direct by cheque or P.O. Order to the Registrar, who will furnish official receipts.

For Graduation Fees, see page 84. For Hospital Fees, see page 106.

#### XII.

### Text Books.

ANATOMY.-Gray, Morris, Quain (Eng. Ed.), Gerrish.

PRACTICAL ANATOMY.—Cunningham's Practical Anatomy, Ellis Demonstrations, Holden's Dissector and Landmarks.

PHYSICS.—Balfour Stewart.

INORGANIC CHEMISTRY.—Remsen, Wurtz's Elementary Chemistry.

ORGANIC CHEMISTRY.—Remsen.

PRACTICAL CHEMISTRY. -Odling.

PHARMACOLOGY AND THERAPEUTICS.—Butler, White, Hare and Wood. Physiology.—Foster and Shore, Huxley Kirkes (Halliburton), Mills, Foster, G. N. Stewart, Mills' Class Laboratory Exercises, American Text-book.

PATHOLOGY.—Zeigler, Coats', Stengel.

PRACTICAL PATHOLOGY.—Mallory and Wright, Delafield & Prudden, Boyce.

BACTERIOLOGY.-Muir & Ritchie, Abbott.

HISTOLOGY.—Klein's Elements, Schafer's Essentials of Histology, Stohr.

Surgery.—Holmes, Moullin, Walsham, Erichsen, Treves, American Text-Book of Surgery, Da Costa.

PRACTICE OF MEDICINE.—Osler, Tyson, Wood and Fitz, Thompson. CLINICAL MEDICINE.—Musser's Medical Diagnosis; Simon, Klemperer,

Rainy and Hutchison, Vierordt's Medical Diagnosis, Eichorst.

MEDICAL JURISPRUDENCE.—Reese, Guy and Ferrier.

MENTAL DISEASES.—Insanity and its Treatment, Blandford, 4th Ed.

Church and Peterson's Nervous and Mental Diseases.

Obstetrics.—Jewett, and American Text-Book.

DISEASES OF CHILDREN.-Holt, Rotch, Smith and Starr.

GYN. ECOLOGY. — Hart and Barbour, Garrigues, Webster, Dudley on Diseases of Women.

Hygiene.—Wilson, Rohe, Whitelegge, Harrington, Abbott's Transmissible Diseases.

BIOLOGY, BOTANY.—Gray's Text-Book of Histology and Physiology; ZOOLOGY, Shipley and MacBrides' Manual of Zoology.\*

OPTHALMOLOGY.—De Schweinitz, Nettleship and Swanzy. OTOLOGY.—Pritchard. Dalby.

LARYNGOLOGY.—Watson Williams and Karl Seiler, Gruwald's Atlasen of Diseases of Larynx.

OPERATIVE SURGERY.—Jacobson, Treves, Kocher.

DERMATOLOGY.—Malcolm Morris, Hyde, Crocker, Unna. MEDICAL DICTIONARY.—Gould, Dunglison, Hoblyn.

<sup>\*</sup> Each student will be required to pay \$2.50 in order to cover the cost of a class book, dissecting instruments and other necessaries which are supplied to him and become his property.

#### XIII.

#### Museums.

The Faculty has during recent years devoted special attention to the development of its museums in the several departments in which objective teaching is of especial value in the education of the student.

There are now four museums in the Medical Building: (1) the Museum of Pathology, (2) the Anatomical Museum, (3) the Museum of Public Health and Preventive Medicine, (4) the Museum of Pharmacy.

Each collection is arranged and selected with the primary object of making it a teaching museum. The several collections are open to students and the public between 9 a.m. and 5 p.m.

### Pathological Museum.

PROF. J. G. ADAMI, DIRECTOR.

MAUD E. ABBOTT, B.A., M.D., ASSISTANT CURATOR.

M. JULES BAILLY, OSTEOLOGIST AND ARTICULATOR.

For the past fifty years the rich Pathological Material furnished by the Montreal General Hospital has been collected here. The Faculty is also greatly indebted to many medical men throughout Canada and different parts of the world for important contributions to the Museum.

During the past few years, numerous and extremely important additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesentric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" is also found. The Faculty are indebted to Prof. Osler, late of this University, for this collection.

The Museum contains also a very large collection of different forms of calculi. The Faculty are mainly indebted to Prof. Fenwick for this collection.

During the past eight years, M. Bailly, osteologist and articulator (lately with Tramond of Paris), has been engaged in arranging and mounting the very large number of specimens of disease and injuries of bones which have been accumulating for years. In this collection are to be found examples of fractures and dislocations of the spine, osteoporosis, congenital dislocation of the hip, fracture of the astragalus, multiple exostoses, etc., etc.

The Pathological Museum has recently undergone complete alteration. All the old fixtures have been removed, a new gallery has been erected about both rooms reached by a single staircase in a small intermediate room in which is

placed the medico-legal collection.

The first room on entering contains the extensive bone collection and calculi. The second and larger room is reserved for the moist preparations, which are arranged so as to be of easy access for the student. Water color drawings made from the fresh specimens are mounted on swinging frames, and also form a frieze at the ceiling. These serve to recall the fugitive colors of those preparations which become more or less altered on keeping.

Numerous specimens have been contributed from the surgical and medical wings of the Royal Victoria Hospital, and from the different departments of the Montreal General Hospital

pital.

The Director of the Museum has pleasure in acknowledging the following objects received during the year ending April 1st, 1901:—

From Dr. Wm. Gardner:-

Double Hydrosalpinx.

Multiple fibromata uteri. An enormous subserous polyparises from the fundus uteri.

Placenta from a case of twin pregnancy.

Multinodular, partly intraligamentous fibromyoma of the uterus.

Multiple uterine fibromata, undergoing calcification.

Dermoid cyst of ovary.

Scrapings from the uterine cavity in a case of adenocarcinoma of the body.

Adenocarcinoma of the body of the uterus.

Hæmorrhagic cyst of ovary.

Large fibroid polyp of the uterus filling the whole uterine cavity, constricted at the internal and protruding from the external os.

# From Dr. F. J. Shepherd:-

Fracture of bones of face and inferior maxilla.

Hour glass stomach.

Imperfect ossification of occipital bone with meningocele, (Specimen and plate.)

Ossification of dura mater.

Ossification of falx cerebri.

Heart showing two instead of three semi-lunar valves.

Uterus bicornua.

Appendicitis. Series of six cases, in two of which there were calculi.

Biliary calculi from three cases.

Renal calculi from three cases.

# From Dr. Girdwood:-

Specimens of wood showing the processes of necrosis, sequestrum formation and repair in woody tissue.

# From Dr. Adami:-

Xylomata from pine trees, Banff. (One specimen shows the path of a wood-boring insect within the tumour, also the insect and the powdered wood.)

From Dr. J. C. Cameron:—
Extra-uterine pregnancy.

From Dr. Wyatt Johnston:—
Trephine and case belonging to Dr. J. B. Johnston,
Sherbrooke.

From Dr. F. G. Finley:—
Toenails showing hypertrophy.

From Dr. Birkett:—
Tumour of the inferior turbinated bone.
Tumour of the nasal cavity.

From Dr. C. F. Martin:—
Strips of false membrane passed from the intestine in mucous colitis.

From Dr. W. F. Hamilton:—Bothriocephalus latus.

From Dr. Elder:— Vesical calculus.

From Dr. J. A. MacPhail:—

Heart of foetus at seven months, to shew patent foramen ovale and ductus arteriosus.

From Dr. W. G. M. Byers:—
A pair of spectacles prescribed by the late Sir William Bowman.

From Dr. McTaggart:—
Foreign body removed from the bladder. (Incrustation about a piece of chewing-gum.)

From Dr. A Johnston, Valleyfield:—
Large screw impacted in the liver of a cow.

From Dr. J. L. Todd:—
Fragments of two skulls of Flathead Indians, Victoria,
B.C.

From Dr. Helen MacDonald:—
Foetus.

From Dr. Mary Fyfe:—
Foetus, at three months.

From Dr. August Schmidt:—
Heart of infant showing congenital aortic stenosis.

From Dr. S. W Boone, Presqu'Isle, Maine: — Foetus amorphus.

From Dr. Charlton:—

Mucous casts of the intestine passed in a case of mucous colitis.

From Dr. James Bell (Surgical Department, Royal Victoria Hospital):—

Sarcoma of the abdominal wall.

Carcinoma of the parotid region. (Secondary to disease in the eyebrow.)

Fibro-papilloma of the buccal mucosa.

Meckel's diverticulum (causing intestinal obstruction).

Parenchymatous goitre.

Carcinoma simplex of the breast.

Sac of spina bifida.

Appendicitis. A series of five cases illustrating variations of the disease.

### CALCULI:

17 cases of vesical calculi.

10 cases of renal calculi.

28 cases of biliary calculi.

These calculi constitute a series obtained at operation since the year 1896. Among them are seven biliary calculi removed from the common duct, and an interesting vesical calculus, formed by a heavy incrustation upon a head of timothy-grass.

From Dr. A. E. Garrow (Surgical Department, Royal Victoria Hospital):—

Multiple enchondromata of the fingers.

Parenchymatous goitre with colloid and hæmorrhagic cysts.

Adeno-carcinoma of the descending colon.

Carcinoma of the ascending and transverse colon and the nepatic flexure.

### CALCULI:-

Three cases of vesical calculi. One case of renal calculi. Five cases of biliary calculi.

### From Dr. H. B. Yates:-

A series of sealed agar tubes containing pure cultures of Bacillus of anthrax.

Bacillus coli communis.

Pink torula.

Bacillus mesentericus vulgatus.

Sarcina aurantica.

Bacillus mallei.

Bacillus pyocyaneus.

Bacillus typhi abdominalis.

Spirillum cholerae.

From the Protestant Hospital, Verdun (through the kindness of Dr. J. A. MacPhail, Pathologist):—

Early typhoid ulcers.

Late typhoid ulcers, showing healing.

Stomach in poisoning with hydrochloric acid.

Stomach in poisoning with carbolic acid.

Dura mater with clot. (Shows beautifully the preservation of colours by Tore's method. This specimen was preserved in 1896, and was the first one in which Tore's method was used in this country.)

False aneurism of the aorta.

Acute endocarditis of the aortic and mitral valves.

Three aneurysmal dilatations at the base of the aorta and

Hypertrophy of heart.

Hypertrophy of the heart and pericarditis.

Endocarditis and fibrinous pencarditis.

Senile fatty heart.

From the Pathological Laboratory of the Montreal General Hospital:—

Marked scoliosis of the vertebral column.

Verrucose aortitis with thrombosis of coronaries. (Two specimens.)

Aneurysm of the arch of the aorta.

Aneurysm of descending thoracic and abdominal aorta. Brain showing hæmorrhage into left ventricle and into

pons.

Solitary tubercle of pons.

Bladder from a case of tumour of the brain.

Syphilitic nodules in the lung.

Dilatation and hypertrophy of the heart.

Brain with wounds of entry and exit.

Omental hernia.

From the Pathological Laboratory of the Royal Victoria Hospital (Dr. J. G. Adami, Pathologist):—

CARCULATORY SYSTEM:-

Cor Bovine in aortic insufficiency.

Mitral stenosis and regurgitation.

Adherent pericardium.

Mitral stenosis.

Verrucose mitral endocarditis.

Myodegeneratio cordis.

Atheroma of the aorta and of right femoral artery (senile gangrene).

Old organized thrombus of right common iliac.

Thrombosis of internal iliac (Phlegmasia alba dolens).

RESPIRATORY SYSTEM:

RESPIRATORY SYSTEM:-

Tuberculosis of the Larynx and Trachea. Actinomycosis of the lung.

DIGESTIVE SYSTEM:

Acute gastritis.

Gastritis polyposa.

Diptheritic colitis.

Carcinoma of the caecum.

Cirrhosis of the liver in a child.

Amyloid liver.

Actinomycosis of the liver.

Cholelithiasis.

URO-GENITAL SYSTEM:-

Actinomycosis of the kidney.

Pyonephrosis.

Horseshoe kidney containing calculi.

Cystitis. Corpora amylacea in enlarged prostate.

Bladder and penis in acute gonorrhea.

Enlarged prostate. (Two specimens.)

Hydrocele of right cord.

Aberrant testicle.

Cysts of broad ligament of uterus.

Multiple fibromata of the uterus. (Two specimens.)

Submucous fibroid of uterus.

Phagedæna of vagina and old cicatricial contractions.

Ruptured perinæum.

Carcinoma of the mamma.

# Museum of Public Health and Preventive Medicine.

DIRECTOR, ROBERT CRAIK.

ASSISTANT DIRECTOR, WYATT JOHNSTON.

This Museum has been established from the interest accruing through the endowment of the Chair of Hygiene by Lord Strathcona and Mount Royal in 1893.

The museum at present is chiefly of interest on account of the number and excellence of the working models, illustrating the best modern methods of stertilisation, disinfection, filtration and ventilation, together with a very useful collection of modern sanitary apparatus, illustrating the advantages and disadvantages of the water carriage system for the disposal of refuse, etc.

### Anatomical Museum.

DIRECTOR, PROFESSOR F. J. SHEPHERD. M. JULES BAILLY, OSTEOLOGIST AND ARTICULATOR.

This Museum occupies a large room on the same floor and adjoining the Anatomy Lecture Room and Dissecting Room. Smaller apartments in connection are used for private research, which is encouraged in epery way by the Faculty.

The Museum is well furnished and comfortable, and students have every opportunity of studying Human, Compara-

tive and Applied Anatomy.

This department has during the past few years added a very complete collection of plaster and papier mache models by Steger, after the well-known works of His and Braune, comprising:

(a) A complete set of Steger's brain sections.

(b) Models of the cerebro-spinal and sympathetic nervous

systems.

(c) Professor Cunningham's well-known and beautiful casts of the head showing the relation of the cerebral convolutions to the skull and its sutures.

A large collection of human brains, made by Professor Osler, formerly of this University, exhibiting the various types and extremes.

A large and rare collection of anomalies of the Renal ves-

sels and ureter, and the aorta and its branches.

In Comparative Anatomy the student will find a fair amount of material, the study of which will greatly aid him in the elucidation of many points in Human Anatomy.

Many skeletons mounted by Mons. Jules Bailly, Articulator to the University, representing the various classes, orders, genera and species of the animal kingdom may be consulted.

A large collection, showing the pectoral girdle in birds, has been prepared under the supervision of the Professor of Anatomy.

Moist and dry preparations of dissections, a large collection of frozen cross sections of the human body, showing the normal relations of the viscera, etc., will be found convenient for study.

The Director has much pleasure in acknowledging the following contributions:—

- 1. Skeleton of a Man, showing branched ribs. D. R.
- 2. Brain of a Perch. Presented by Mr. Byers.
- 3. Shoulder joint, showing injury. D. R.
- 4. Vertebrae and ribs of an Esquimo.
- 5. Ankylosis of knee.
- 6. Trunk and Skull in a case of Pott's Disease.
- 7. Anencephalus Monster. Presented by Dr. Robertson.
- 8. Anencephalus Monster. Presented by Dr. Chambers.
- 9. Anencephalus Monster. Presented by Dr. Chambers.
- 10. Kidney with double ureter. D. R.
- 11. Right Pulmonary Artery arising from Innominate (two specimens). D. R.
- 12. Ophidian Heart and Vessels. Presented by J. Springle, M.D.
  - 13. Foetus (two specimens).
  - 14. Accessory Spleen attached to Kidney. D. R.
  - 15. Rudimentary First Rib (both sides). D. R.
- 16. Specimens showing the Corrugated Cord of the Hippocampus Major. Presented by Dr. McCarthy.
  - 17. Dissection of Larynx (three specimens). D. R
  - 18. Accessory Spleen. D. R.
  - 19. Shark's Eye. Presented by J. Bailly.
- 20. Heart showing Patent Foramen Ovale (two specimens). D. R.
  - 21. Fusion of both Kidneys. D. R.
- 22. Lung with Accessory Lobe cut off by the Vena Azygos Major. D. R.

Dissections and specimens prepared for the Anatomical Museum by A. Mackenzie Forbes during the session of 1899-1900:—

- 1. Organ of Rosenmüller.
- 2. Sac of Inguinal Hernia.
- 3. Dissection of Inguinal Canal.
- 4. Fossa Duodeno-jejunalis.
- 5. Fossa Intersegmoidea.
- 6. Fossa Ileo-Colica.

### XIV.

#### Library.

LIBRARIAN, PROF. F. G. FINLEY.
ASSISTANT LIBRARIAN, MISS M. R. CHARLTON.

The Library of the Medical Faculty now comprises upwards of twenty-three thousand volumes, the largest special library connected with a medical school on this continent.

The valuable libraries of the late Professors Robert Palmer Howard, George Ross, Richard L. MacDonnell, T. Johnston Alloway and of Dr. Allen Ruttan have been donated to the Medical Faculty.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may consult any work of reference in the library between 9 a.m. and 6 p.m. A large library, reading-room for the use of students is provided.

# Extracts from the Library Regulations.

I. During the College Session the Library is open daily (except Sundays and general public holidays) from 9 a.m. till 6 p.m. During vacation from 10 a.m. to 5 p.m.

II. The stack room is not open to students or to the public.
III. The books in the Library are classed in two divisions:
1st, those which may be taken from the Library; 2nd, those which may not, under any circumstances, be removed from the Library. The latter class includes all catalogues, dictionaries and encyclopedias.

IV. Students will be allowed to use regular text-books only in the Library. Any other book map be taken out at 5.30 p.m. to be returned the next day. If books so removed from the Library are not returned punctually, a fine will be imposed, and if the delay be serious the student may be suspended from use of the Library at the discretion of the Librarian.

V. Students may take out books, subject to the above regulations, to the number of three volumes at one time.

VI. Books may be taken from the Library only after they have been especially asked for and charged at the delivery desk; borrowers who cannot attend personally must sign and date an order, giving the titles of the books desired and the

name of the person deputed to procure the same.

VII. Damage to or loss of books shall be made good to the satisfaction of the Librarian and of the Library Committee. Writing or making any mark upon any book belonging to the Library is unconditionally forbidden. Any persons found guilty of wilfully damaging any book in any way shall be excluded from the Library, and shall be debarred from the use thereof for such time as the Library Committee may determine.

VIII. Silence must be strictly observed in the Library.

IX. Infringement of any of the rules of the Library will subject the offender to a fine or suspension of his privileges, or to such other penalty as the nature of the case may require.

The total number of volumes in the medical library is about 23,000.

The number of volumes presented to the Library from June 1st, 1899, to October, 1900	1,320 163
Total additions to October, 1900	.960

The attendance from June 2nd, 1897, to May 14th,	0
1898 was	U
The attendance from June 1st, 1896, to June 1st,	
1897, was	05
Town 1st 1895 to June 1st.	
The attendance from June 1st, 1895, to June 1st,	75
Lago was	
The number of books taken out for home use has	~~
heen '	
The number of Journals and pamphlets has been. 7	00
This does not include the works consulted in the Library	ry.
This does not include the works constituted in the Tibrary as co	m-
The Faculty has endeavored to make the Library as co	oat
ploto as possible for research work. Complete files of aim	USL
all the important periodicals are now on the shelves, inch	uu-
ing foreign as well as English and American Journals.	1
large number of transactions of various societies has recen	tly
large number of transactions of various sections	
been acquired, and also the Berlin and Paris theses.	ath

Arrangements have been made whereby practitioners both in the city and country can avail themselves of the library, the only conditions being the payment of express charges and a

guarantee for the safe return of books borrowed.

### XV.

### McGill Medical Society.

This Society, composed of enregistered Students of the Faculty, meets every alternate Saturday during the Autumn and Winter Terms, for the reading of papers, case reports and discussions on medical subjects. A prize competition has been established in senior and junior subjects, the senior being open to all to write upon, while only the 1st, 2nd and 3rd year students are allowed to compete in the junior subjects. The papers are examined by a board elected from the Professoriate, and a first and second prize in each division of subjects is awarded to the successful candidates.

Names of competitors and titles of papers shall be sent to the Chairman of the Programme Committee before September 1st, and all papers shall be subject to the call of the Committee on October 1st. All papers shall be handed in for examination on or before January 10th.

The Students' reading room has been placed under the control of this Society, in which the leading English and American Medical Journals are on file, as well as the leading

daily and weekly newspapers of the Dominion.

The annual meeting is held the first week of the Spring Term, when the following officers are elected: Hon. President, elected from the Faculty; President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter, Pathologist, and three Councilmen (of whom two shall be elected from the Faculty).

### XVI.

#### Hospitals.

The City of Montreal is celebrated for the number and importance of its public charities. Among these its public hospitals are the most prominent and widely known. Those in which medical students of McGill University will receive clinical instruction are: (1) The Montreal General Hospital. (2) The Royal Victoria Hospital. (3) Montreal Maternity Hospital.

The Montreal General Hospital has for many years been the most extensive clinical field in Canada. The old buildings, having proved inadequate to meet the increased demand for hospital accommodation, have recently been increased by the addition of two surgical pavilions, the Campbell Memorial, and the Greenshields Memorial, and of a new surgical theatre. The interior of the older buildings now has been entirely reconstructed on the most approved modern plans.

The Royal Victoria Hospital at the head of University Street, which in structure and arrangements ranks among the finest modern hospitals of either continent, was opened for the reception of patients the first of January, 1894, and affords exceptional opportunities for clinical instruction and practical training.

### Montreal General Hospital.

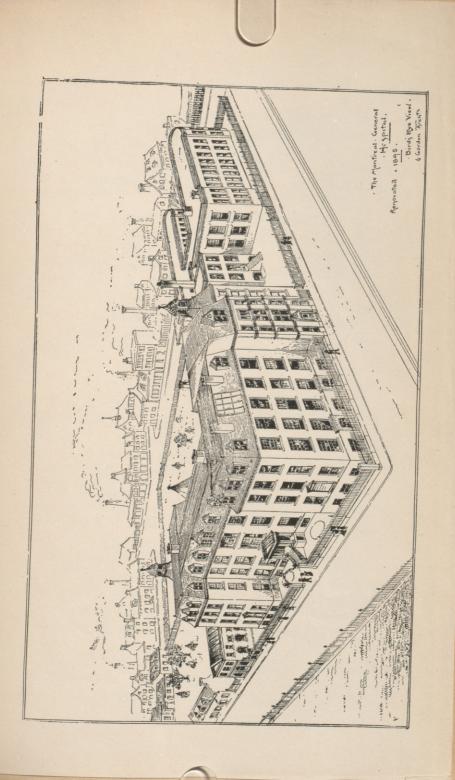
This Hospital consists of a Surgical, a Pathological and a Medical Department.

The Surgical Department has two large pavilions, containing four wards 135 feet long by 35 broad, with an intervening and connecting building in which is a large operating theatre of the most modern type, capable of seating over 350 students. In connection with this are preparation, etherising, instruments, stertilising and surgeons' rooms, also smaller operating rooms. The Surgical pavilions, which were built three years ago, accommodate over one hundred patients.

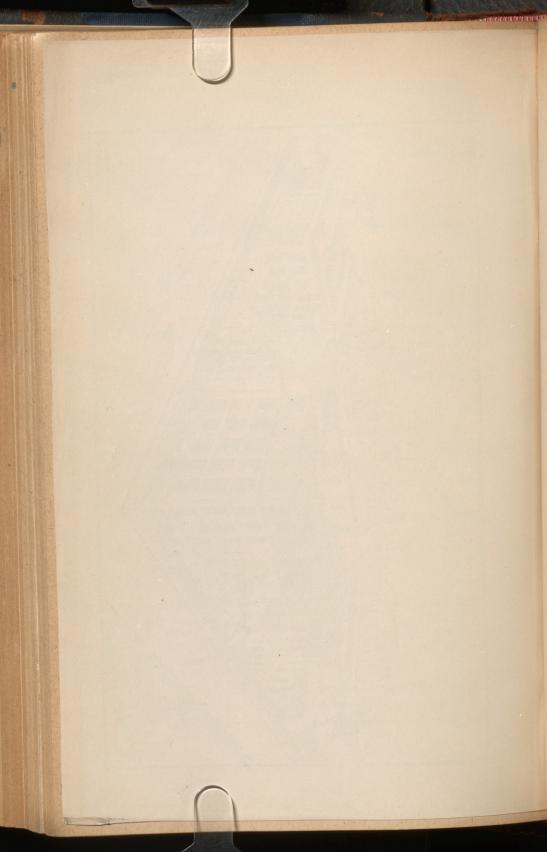
The old part of the hospital, consisting of the Reed, Richardson and Morland wings, has during the past year been completely rebuilt and remodelled, and forms the Medical Department. This part contains four wards, 100 feet by 40, and is arranged for 150 beds. In this building there are wards for Gynaecological and Opthalmological patients, a number of private wards and laboratories for Clinical Chemistry. There is also a medical amphitheatre capable of seating 150 students and a gynaecological operating room fitted up in the most modern manner. The central part of the old building is for administration purposes.

A completely new and commodious out-door patient department has been provided on the ground floor of the Richardson wing, and there is ample accommodation for the various special departments as well as large rooms for general medical and surgical patients.

The Pathological Department is a completely new building in which are the post-mortem theatre and rooms for microscopical and bacteriological work, and also a mortuary and



BERREIN



chapel. In this building students are offered every opportunity of perfecting their knowledge of morbid anatomy and pathological histology.

The old Fever Wards on the grounds of the Hospital have been completely remodelled, and are now used as a laundry and kitchen.

A much larger number of patients receive treatment in the Montreal General Hospital than in any other Canadian Hospital. Last year's report shows that between two and three thousand Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 24.02 days. Upwards of thirty-two thousand patients are annually treated in the out-door department of this Hospital.

#### The Royal Victoria Hospital.

This Hospital is situated a short distance above the University Grounds on the side of the Mountain, and overlooks the city. It was founded in July, 1887, by the munificence of Lord Mount Stephen and Sir Donald Smith, who gave half a million dollars each for this purpose.

The buildings, which were opened for the reception of patients on the first of January, 1894, were designed by Mr Saxon Snell of London, England, to accommodate between 250 and 300 patients.

The Hospital is composed of three main buildings connected together by stone bridges; an Administration Block in the centre and a wing on the east side for medical patients, in immediate connection with which is the Pathological wing and mortuary, and a wing on the west side for surgical patients.

The Administration block contains ample accommodation for the resident medical staff, the nursing staff and domestics. The patients' entrance, the dispensary and admission rooms are also situated in this building. To the north of the Administration block has been erected a large out-patients' department, in which are special departments for Minor Surgery, Ophthalmology, Laryngology, and Gynaecology. This wing was opened for patients during the winter of 1899-1900.

The Medical wing contains three large wards, each 123 feet long by 26 feet 6 inches wide, one ward 40 feet by 26 feet 6 inches, and fifteen private and isolation wards averaging 16 feet by 12 feet. Also a medical theatre with a seating capacity for 250, and three rooms adjacent to it for clinical chemistry and other purposes. North of this wing and in direct connection with it are the Pathological laboratories and mortuary.

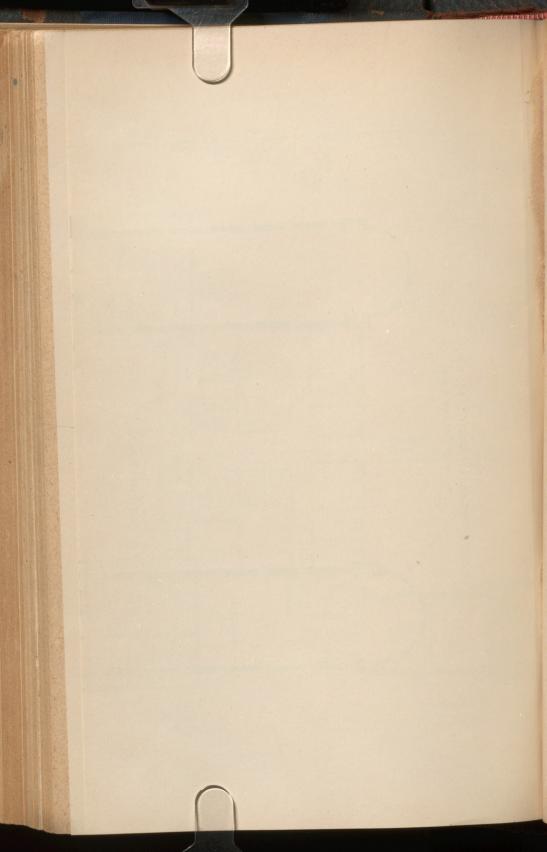
In this wing are situated the mortuary proper, the chapel, a post mortem room capable of accommodating 200 students, and laboratories for the microscopic and bacteriological study of morbid tissues, some designed for the use of students and others for post graduation courses and special research. Special laboratories for Pathological Chemistry, Experimental Pathology, Bacteriology and Photography are also provided.

The Surgical wing contains three large wards, each 123 feet long by 26 feet 6 inches wide, four wards each 40 feet by 32 feet, and seven private and isolation wards, averaging 16 feet by 12 feet; also a surgical theatre with a seating capacity for 250, with six rooms adjacent for preparations and after recovery purposes.

In this wing are also the wards for Gynaecology and Ophthalmology.

#### Hospital Fees.

Annual tickets entitling students to admission to both the Montreal General and the Royal Victoria Hospitals must be taken out at the commencement of the session, price \$5.00 each. These are obtained at the College. Perpetual tickets will be given on payment of the third annual fee.



#### XVIII.

## CLINICAL INSTRUCTION.

During the Session of 1901-1902, three Medical, three Surgical, two Gynaecological and two Ophthalmological clinics will be held weekly in both the Montreal General and Royal Victoria Hospitals.

In addition, tutorial instruction will be given in these different departments in the wards, out-patient rooms and laboratories. Special weekly clinics will be given in the Montreal General Hospital on Dermatology and Laryngology and in the Royal Victoria Hospital on diseases of the Genito-Urinary

system, Laryngology and Neurology.

CLINICAL CLERKS in the medical and surgical wards of both Hospitals are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted to him. Students entering on and after October, 1893, are required to show a certificate of having acted for six months as clinical clerk in medicine and six months in surgery, and are required to have reported at least ten cases in medicine and ten in surgery. The instruction obtained as clinical clerk is found to be of the greatest possible advantage to Students, as affording a true practical training for his future professional life.

Dressers are also appointed to the Out-door Departments. For these appointments, application is to be made to the Assistant Surgeons, or to the resident surgeon in charge of the

out-patient department.

The large number of patients affected with diseases of the eye and ear, now attending the special clinics at both hospitals afford ample opportunity to students to become familar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope; and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and

Surgery. Operations are performed on the eye by the Ophthalmic Surgeons after the outdoor patients have been seen, and Students are invited to attend the same, and as far as practicable to keep such cases under observation so long as

they remain in the Hospital.

There are also special departments in both Hospitals for Gynaecology and Laryngology, directed by Specialists in these branches. Students are thus enabled to acquire special technical knowledge under skilled direction. The plan of teaching practical gynaecology for the past five years with marked success has been the limitation of the number of Students.

The Clinics at the Montreal General Hospital in Dermatology and in both hospitals in Laryngology are very large, and afford a practical training in affections of the skin and throat rarely obtained by medical students.

Special clinics for diseases of the Genito-Urinary Organs and Neurology has been established at the Royal Victoria

Hospital.

Infectious diseases and Insanity will also be taught clinically, the former in the special wards for infectious diseases and the latter at the Verdun Hospital for the Insane.

## The Montreal Materaity.

The Faculty has great pleasure in announcing that the Corporation of the Montreal Maternity has made very important additions to its building, and has in contemplation the erection of a large new building, fitted with the most modern appliances. Students will therefore have greatly increased facilities for obtaining a practical knowledge of obstetrics and diseases of infancy. An improved Tarnier-Budin phantom is provided for the use of the students, and every facility afforded for acquiring a practical knowledge of the various obstetric manipulations. The institution is under the direct supervision of the Professor of Midwifery, who devotes much time and attention to individual instruction. Students who have attended the course on obstetrics during the au-

tumn and winter terms of the third year will be furnished with cases in rotation, which they will be required to report and attend till convalescence. Clinical midwifery has been placed upon the same basis as Clinical Medicine and Surgery, and a final Clinical examination instituted. Regular courses of clinical lectures are given throughout the session, special attention being paid to the important subject of infant feeding. The Walker-Gordon process of modifying milk is explained and demonstrated. During the autumn and winter terms the Demonstrator of Obstetrics gives Clinical Demonstrations in the wards and instruction in operative work on the phantom. Students will find it very much to their advantage to pay special attention to their Clinical work during the spring term of the third year and the following summer. One resident medical officer is appointed yearly from the graduating class to hold office for a period of six months.

Fee for twelve months, \$12, payable at the Maternity Hospital.

## XIX.

### CLASS LISTS.

## SIXTY-NINTH SESSION, 1900-1901.

The total number of students enregistered in the Medical Faculty during the past Session was 490, of whom 467 were undergraduates and 23 were graduates attending post-graduate and special courses.

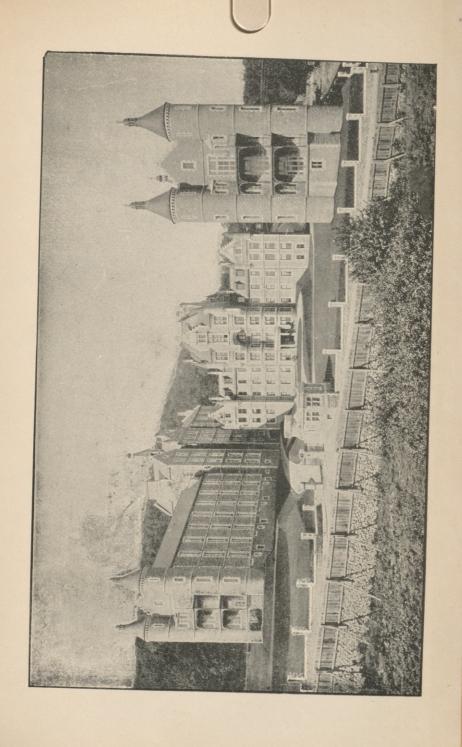
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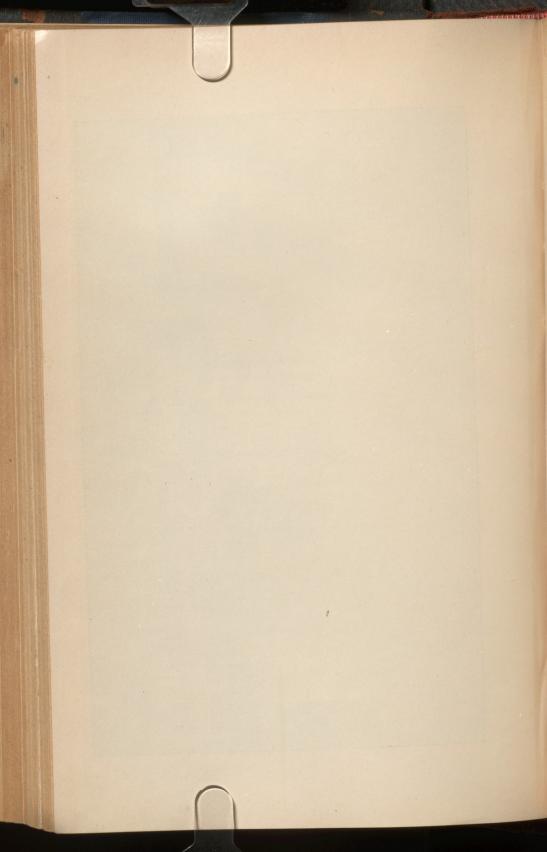
Quebec	141	Prince Edward Island Wanitoba and N.W.T	 	27
New Brunswick	52 29	British Columbia	 	13
United States	47	England and Ireland	 	T

#### FIRST YEAR.

	FIRST	
Name.		Residence.
Ainley, L. T., B.A		Almonte, Ont.
Ainley, W. E., B.A		Bermuda.
Alford, H. J.,		Ottawa.
Atkinson, H. S		Capids, Nfld.
Bentley, J. S., B.A		Truro, N.S.
Black, C		Oxford Station, Ont.
Blanchet, S. F. N		Ottawa.
‡Bleasdell, W. A		Fort Steele, B.C.
Billings, W. H		Hamilton, Ont.
Ponin, P. R		Montreal.
Bulmer, A. M		Montreal.
Cameron, A. B		Lancaster, Ont.
†Charman, F. D		Wallace, N.S.
Chipman, W. W		Mount Stowart DEI
Coffin, J. W		Mount Stewart, P.E.I.
Cook, W. J		Montreal
†Covernton, C. F		Montreal.
Crack, I. E., B.A		Varmouth NS
Crowell, B. C., B.A		Montreal
Cunningham, F. J		St John NR
Dalton, J. T		Sherbrooke O
Davidson, H. D		

t Condition ed. † Partial.





Name. Residence.	
Dillon, W. P Iroquois, Ont.	
Douglas, E. D., B.A., Holifor M.	
Dunn, J. F Elgin, Ont.	
Eaton, C. E	
+Laton, F. C Honoods NIT	
Elitaliucz, J. A	
Faulkner, J. A., B.A Stirling, Ont.	
Fraser, S	
*Fripp, G. D Montreal.	
‡Froomess, L. E Montreal.	
Fyshe, J. C., A.B Montreal.	
Geddes, R. W., B.A Deseronto Ont	
Gibson, G. M Huntington M.V.	
Manaima P.C	
GIII, F. D. B St John's Med	
Gills, J. E Darlington DET	
Gilloy, J. R Springhill Mg	
Gormery, J. C Morrighurg Ont	
Granam, R. W Sawyonyillo	
Woodstook N. P.	
Gray, E. H Montreel West O	
Greenwood, W. I St Catharinas Ont	
Guilli, A. K Lancaster Ont	
France, W. T Montreal	
Hare, W. G Moscow Ont	
Harrison, L. L., B.A Maccan NS	
Hewett, T. J Montreal	
Hogan, F. J North Cape DET	
HOLCHKISS, E. A Collinsville Conn	
Howitt, H. O Guelph Ont	0
Hughton, M Arpprior Ont	
Humphrey, G. A Montreal	
Hunter, J. D Victoria B.C	
Johnson, J. G. W., B.A Montreal.	
Judson, A. H Lynn, Ont.	
Keys, M. J Hulbert, Ont.	
Lacasse, L. J Campbellton, N.B.	
Lauchland, L. C., B.A Oshawa, Ont.	
Lawson, G. E Grand Manan, P.E.I.	
Lincoln, W. A Stanstead, Q.	
Lippiatt, H. T Abbotsford, Q.	
Losier, A. J Tracadie, N.B.	
MacCallum, J. D. G Montreal.	
Macdonald, J. P Ste. Agathe des Monts, Q.	
Mackenzie, A. D Springfield DET	
Mackid, L. S Calgary, Alta.	
McCormick, J. P Ottawa.	
McDonald, J. A Valleyfield, Q. McDonald, J. C Peak's Station, P.E.L.	
mcDonald, J. C Peak's Station, P.E.I.	

<sup>‡</sup> Conditioned. \* Double Coarse. † Partial.

	Residence.
Name.	
McDougall, W. L	Cornwall, Ont.
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Price, J	Napanee, Ont.
*Pruyn, W. G	Moira N.Y.
Quain, B. P	Montreal.
	Montreal.
	Montreal.
	Jefferson, Maine, U.S.A.
Richardson, C. A	Lachine, Q.
‡Rilance, C. D	St. Marys, Ont.
Robinson, J. L	Montreal.
Rogers, J. T., B.A	Kincardine, Ont.
Shaw, D	Sutton West, Ont.
Sibbald, J. P. M	Montreal.
Smith, W. A., B.A.	Almonte, Ont.
Smith, W. A., B.A.	Norboro, P.E.I.
Stewart, J. A	. Montreal.
Warwick, W	. St. John, N.B.
Walwick, W.	. Ogdensburg, N.Y.
Waterman, C	. Wiarton, Ont.
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Young, G. J	St. Margaret's Bay, N.S.
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<sup>\*</sup> Double Course : Conditioned. + Partial.

Name.

Residence.

SECOND YEA	P
Allan, R. H	Montroel
Allum, A. W	Ponfrom Ont
Andrews T. T.	Talifa Dia
Andrews J J	Halliax, N.S.
Andrews, J. J	St. Lambert, Q.
Arnold, D. R., B.A	St. John, N.B.
Auston, J. B	Brighton, Ont.
Bailey, G. W	Fredericton, N.B.
Bishop, G. A	Kinburn, Ont.
Blakeman, F. W	Stratford, Ont.
Boyd, O	Russell, Ont.
*Boulter, J. H	Picton, Ont.
Driggs, J. A	New Westmington Da
Diomicy, J. E	Pembroke, Ont.
Drooks, J.E., B.A	Eastport Maine II CA
Daile, A. D., D.A	Kingston Station, N.S.
Campbell, W. G	Brantford Ont
Cary, W. H	Montreal
Chamberlain, H. B	Perth Ont
Chandler, E. C	Montreal
Chaplin, H. L. S	St. John's Nad
Church, H. C	Chelsea O
Cowperthwaite, H. H	St John's Ned
Croft, L. V., B.A	Middleville Ont
Crosby, P. C.	Marchfold DEL
Cumming, W. G., B.A	Montroel
Dickson, A. J., B.A.	Godonich Ont
Dickson, W. H	Pombnola Ont.
Donnelly, William H	Ordensky Ont.
Doyle, F. H., B.A.	Notick Manual II
Ebbett, L. P. B.	Natick, Mass., U.S.A.
*Elder, R	Lower Gagetown, N.B.
Ells, R. H., B.A	Trout River, Q.
English T M	Ottawa.
English, J. M	New Westminster, B.C.
Fisher, F., B.A.	Bay of Islands, Nfld.
Forbes, R. D	Stratford, Ont.
Ford, W. S	Belleville, Ont.
Fortin, C. E. F., B,A	Winnipeg, Man.
Freeze, E. H	Penobsquis, N.B.
Frost, A. C.	Montreal.
Fuller, H. T	Halifax, N.S.
Gale, W. P	Quebec, Q.
Gillis, J. H:	Campbellton, N.B.
Gilmore, C. R	Brockville, Ont.
Gow, R. J	Warkworth, Ont.
Gurd, R. D	Sarnia, Ont.
Hansen, N. C., M.A	Portland, Maine, U.S.A.
Hardisty, R. H. M	Montreal.
Hawker, J. E	
Horsfall, F. L	Montreal.
Hutchinson, J. W	Montreal.
Hynes, W. T	Darnley, P.E.I.

<sup>\*</sup> Double Course.

	Residence.
Name.	Dundas, Ont.
Inksetter, F. S	Ottawa
Kenny, R. W	Washington, D.C., U.S.A.
,Kerr, H. H	Sackville N.B.
King, R., B.A.	Chateauguay, N.Y., U.S.A.
Lamb, W. V.	Comeron Ont.
T - wasfond A W	Callici Oil,
Tamio F BA	MOHELCEL
Lundie, J. A., B.A	Knowville Tenn. U.S.A.
Lyman, W. S	Pritannia Bay Ont.
Macdonald, R. St. J., B.A	Wood Islands P.E.I.
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MacMillan, T. F	Charlottown PEI
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McGrath, F. C	Norway, P.E.I.
McIntosh H. H	
1 1 T A	. Valinicell Lilli,
ar Trabaic D W	. Dundas, Ont.
TTT T	. Comoes, Iv. I.,
Maby, W. J	. North Gore, Ont.
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35	. Wallace, 11.D.
35 T U	. Waxville, one.
Munroe, H. B., B.A.	. Almonte, Ont.
Munroe, H. E	St. Elmo, Ont.
Murray, J. S	St. John, N.B.
Nathan, D	Montreal.
Nelson, J. S	City View, Ont.
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OID I O W BA	Noel, N.D.
O'Neill, J. M	Messina, N.Y., U.S.A.
O'Neill, J. M	Durham, Ont.
Park, A. W	Barbadoes, W.I.
Parris, N. D	Montreal.
Patch, F. S., B.A	Monte con

Name.	
Pavey, C. A	Residence.
Peterson, G. R	London, Ont.
Peterson, G. R	Toy's Hill, Ont.
Puddington, B. A	St. John, N.B.
Ramsay, W. A	Westmount, Q.
Rawlings, W. T	Montreal.
Rehfuss, W. N	Bridgewater, N.S.
- Color Cooli, VV. G	Montrool
Scott, W	Montreal.
Secord, W. H	Brantford, Ont.
Collect, D. W	Queboo City
willing toll, It. IV. W.	Ottowo
Black, M. R	Fornham O
Simili, C. M	Red Mountain O
Encisinger, H. W	Moulinotto Ont
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~	Cambria Ont
Sweeney, J. L., B.A.	Dover NI II II a
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Terterbaum, T. A	Montreal
Thomas, S. B	Bridgetown Bonked. Tr.
Truax, W	Farnham O
Turner, G. H., B.A.	Baio Vonto N.B.
White, P. G	Woodstook Ont
White, S. G	Ottown
Willmore, J. G	London Frank
Wilson, A	Bussell Ont
Wilson, C. E.	Russell, Ont.
Winder, J. B., B.A	Napanee, Ont.
, o. 2., D.M	Compton, Q.

#### THIRD YEAR.

Anthony T. B.
Anthony, T. B Berwick, N.S.
Anton, D. L. S Ireland, G.B.
Arnold D R RA
Arnold, D. R., B.A St. John, N.B.
Baillie, S. A., B.A Troy, N.Y., U.S.A.
Diship, L. C Marhleton O
Biair, A. K Chicoutimi O
Diali, H. G. F Ashton Ont
Bloire, W. E Manchester, N.H., U.S.A.
Boulter, J. H Picton, Ont.
Byers, J. R Montreal.
Campbell A
Campbell I A F PA
Campbell, J. A. E., B.A Westmount, Q.
Cantile, F. P. L Montreal
Carnochan, W. L. C Montreel
Carter, W. LeM., B.A Quebec O.
Christie, F. J Martintown, Ont.
Codrington, R. F Montreal.
Colby, J. C., B.A Stanstead, Q.
Coleman C E
Cox P. P. Cox P. P. Chatham, N.B.
Cox, R. B Collinsville, Conn., U.S.A.
Claim, W. J Carleton Place Ont
Cullen, W. H Montreal.

	Residence.
Name.	St. John, N.B.
Name. Curren, L. M	Montreal.
Dixon, J. D	Montreal
Dixon, W. E., B.A	Lewiston, Maine, U.S.A.
Dixon, W. E., B.A.  Donovan, J. B.  Dorion, W. A.	Waterloo, Q.
Douglas, F. C	Montreal.
Dowson, C. K.	Portsmouth, N.H., U.S.A.
Dowson, C. K	Chaska, Minn., U.S.A.
Evans, S	St Thomas. Ont.
Ferguson, W. H	Dorchester, N.B.
Forster, J. F. C.	Smith's Falls, Ont.
Harris, L. C	Socieville NB
Harris, L. C	Palmer S Dakota, U.S.A.
Hart, F. W., B.A	Mackling S Dakota, U.S.A.
Hollingsworth, J. L	Aroostook June., N.B.
Hopkins, C. W.	Dickinson's Centre. N.Y.
Hopkins, C. W	Torrytown N.Y.
Igoe, O. A	Cholburne NS
Johnson, J. A., B.A.	Cananague Ont
T N C PA	Garage 4
Leney, J. M., B.A.	Dishmond West Ont
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McKenzie, J. B., B.A	. Campberron,
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Marcon F C	. I lattisbuils,
Menzes, J. E	. New Bediera, Liza
Moffatt, G	. Ilikeliliali, Olici
Morrison, J. F	. Copleston, Ont.
Morse, W. R., B.A	. Lawrencetown, N.S.

Name.	Residence.
Mothersill, G. S	Ottawa
Ness, W	Howiek O
Netten, P. E	St John's Med
Palmer, G. H	Dorohoston N.B.
Paterson, R. C., B.A	Montreel N.B.
Pavey, H. L	. Montreal.
Peters, O. R.	Constant N.B.
Pickard, L. N.	. Gagetown, N.B.
	Charlottetown, P.E.I.
Pratt, C. M.	St. John's, Nfld.
Roberts, A. B.	. Montreal.
Saunders, W. E.	. Lanark, Ont.
Scott, W	Woodstock, N.B.
Scriver, E. F.	. Montreal.
Ship, M. L., B.A.	. Hamilton, Ont.
Smith, T. W.	. Montreal.
Stockwell H K	Hawkesbury, Ont.
Stockwell, H. K	Danville, Q.
Stowell, F. E	Worcester, Mass., U.S.A.
Tanner, C. A. H	Windsor Mills, Q.
Thomas, J. W., B.A	Montreal.
Tolmie, J. A	Moose Creek, Ont.
Townsley, R. H	Westmount, Q.
Tracy, E. A., B.A	Lancaster, N.H., U.S.A.
Van Wart, R. McL., B.A	F'redericton, N.B.
Walker, H., Jr	New York, U.S.A.
Warren, J. G	
Williams, R. G	Meaford, Ont.
FOURTH YE	
Bayfield, T. F	Charlottetown, P.E.I.
Beatty, H. W	Sarnia, Ont.
Belanger, E. R	Ottawa.
Blake, J. J	Charlottetown, P.E.I.
Browne, J. G., B.A	Montreal.
Bruce, Jas., B.A	Moncton, N.B.
Butler, P. E., B.A	Milltown, N.B.
Callbeck, A. DeB	Tryon, P.E.I.
Campbell, R. P., B.A	Montreal.
Carlyle, D. A	Morewood, Ont.
Cartwright, C	Kingston, Ont.
Coates, H. W	Bass River, N.B.
Collison, H. McN	Dixon's Corners, Ont.
Collison, J	Dixon's Corners, Ont.
Crang, F. W	Toronto.
	Halifax, N.S.
Dalton, C. H	
	Montreal
Egan, W. J	Sydney Mines, N.S
Ellis, R. L	Youghall, N.B.
	Hamilton, Ont.
Fleming, J. E	Rustico, P.E.I.
Fuller, A. T., B.A	Truro, N.S.
Gardner, R. L., B.A	Brockville, Ont.

27		Residence.
George, J. D		Bedwood N.Y., U.S.A.
George, J. D		Campbellford, Ont.
Gibson, E. J		Ottawa
Goodall, J. R., B.A		Dublin, Ireland,
Harley, R. J. O		Newport, N.S.
Harvie, S. K., B.A		Glen Robertson, Ont.
Howard, A. C. P., B.A		Montreal.
Hughes, R. E		Ottawa.
Hunter, E. N. McL.		Merrimac, Mass., U.S.A.
Jackson, G. F		Brockville, Ont.
Johnson, R. DeL., B.A		Montreal.
Tohnston A		Leeus, Q.
Tohnston T T.		Martintown, Onc.
T TT		Brockvine, Onc.
Taran Cridnon PA		Cieverand, Onto, C.D.
Tandall A T.		Vancouver, D.C.
TON DI BA		Mullital.
Lawlor F E		Dartmouth, N.S.
Learmonth, G. E., B.A.,		Montreal.
Loggett T H		Ottawa.
Tittle H M BA		London, Ont.
Lunney T. H.,		St. John, N.D.
MacCorthy F H		Ottawa.
MacKay D. S		Reserve Milles, N.S.
Mackey M BA		Montreal.
Mac Tongio S D		Sarma, Ont.
Mackinnon I W		Charlottetown, 1.11.1.
MacNeil T W		Kensington, 1.1.1.
Magnhargon C		DL. JUILL S. Lina.
McDonald, C. A		Militown, N.B.
McDonald E E		Gu Appene, 1
Martin, E. A		Ottowa
May, L. W		Porth Ont
Meighen, W. A		Alexandria Ont.
Miller, G. H. S		South Durham. Q.
Moore, J. C., D.V.S		St Chrysostome, Q.
Moore, J. C., D.V.S		. Nanaimo, B.C.
Moses, H. C		. Caledonia, Ont.
Mullaly, E. J		Souris, P.E.I.
Newcombe, W. E		. Vancouver, B.C.
Niven J K		. London, Ont.
O'Sullivan, M. T		. Glace Bay, C.B.
Paterson A BA	10.	. Montreal.
Penner E. B.A		. Gretna, Man.
Dittic H		Plainfield, N.Y.
Podon I. H RA		. Victoria, B.C.
Richards, B.A.,		. Yarmouth, N.S.
Robb. E. W. A		. Oxford, N.S.
Roberts J.	16.	Hamilton, Ont.
Robertson, C. G.,		. Hawkesbury, Ont.
Robertson, L. F., B.A		Stratford, Ont.
Robertson, R. D.,		St. John, N.B.

Name.	
	Residence.
Robidoux, E. L., B.A	Shediac, N.B.
Rogers, H. B	Peterboro, Ont.
Russell E M BA	Montreal.
Russell, E. M., B.A	Springfield, Mass, U.S.A.
Rutherford, C. A	Waddington, N.Y.
Ryan, W. T., B.A	Fredericton, N.B.
Sanders, C. W	Kemptville, Ont.
Shearer, C	Montreal.
Shearer, R. L	Kelso P.O., Q.
Simpson, E. G. W	Lennoxville, Q.
Simpson, S	Bay View, P.E.I.
Snyder, A. E. W	Coaticooke, Q.
Stentaford, G. L	Heart's Content, Nfld.
Stevenson, J., B.A	Montreal
Stewart, C. A	Dunvegan, Ont.
Stewart, C. J	Russell Ont
Symmes, C. R	Aylmer, Q.
Taylor, D. A	Havelock, N.B.
Taylor, W. L	Waterloo Q
ward, J. A	Lewiston, Maine IISA
White, E. H., B.A	Montreal
Wiggin, W. I	Lowell, Mass. U.S.A
wiley, B. E	Fredericton NB
Wilkins, F. F	Montreal.
Williams, W	Remsen, N.Y., U.S.A.
Wilmot, Le B. B	Oromoto, N.B.
Wilson, J. J	Montreal.
Winter, D. E	Montreal.
Wyman, H. B., B.A	Chute à Blondeau, Ont.
	and, once

## Graduate Students.

Addison, J. L., M.D	St. George, Ont.
Aylen, W. W., M.D	St. Andrews East O
Church, H. M., M.D	Westmount O
Craig, R. H., M.D	Montreal
Curran, T. J. J., M.D	Montroel
Bean W E M D	Mount Discount O
Bean, W. E., M.D	Mount Pleasant, Ont.
Gilday, F. W., M.D	Montreal.
Hamilton, Robt., M.D	Smethport, Pa., U.S.A.
Hansen, J. F	Westmount, Q.
Hardness, F. B., M.D	North Gower, Ont.
Harvey, F. W., B.A., M.D	Montreal.
Howell, W. B., M.D	Montreal.
Kato, H. Y., D.V.S	Japan
Keating, H. T., M.D	Montreal
Killum, Maud, M.D	Chetny West Chi-
Leslie, P. C., M.D	Honor China.
Mandonald P T M D	Honan, China.
Macdonald, R. T., M.D	Sutton, Q.
McRae, J. R	Dungannon, Ont.
Milliken, H. A., M.D	Hallowell, Maine.
Mulligan, E. A., M.D	River Desert, Q.
Ranny, E. O., M.D	Barton, Vt.
Todd, J. L., B.A., M.D	Victoria, B.C.
Weaver, G. A., M.D	Warren NH IISA

#### XX.

# List of Prizemen and Medallists in the Medical Faculty.

In 1855 the examinations were divided into Primary and Final, and prizes were established for the best Thesis and for the best Examination in the Primary and Final branches.

In 1865 the Holmes' Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final branches. For statement concerning other prizes, see p.

The following is the List with the present addresses of the recipients:—

- 1854. FOR GENERAL PROFICIENCY.—1st Prize—Robert Craik, Montreal.

  2nd Prize—Thomas Simpson, Montreal.
- 1855. Thesis.—James McG. Stevenson, Ruby, Mich.

  Final Examination.—James McG. Stevenson, Lake Port.

  Final Examination.—James McG. Stevenson, Ruby, Mich.

  Primary Examination.—Walter J. Henry.\*
- 1856. Thesis.—Walter James Henry,\* and W. J. Jones, Prescott, O. Final Examination.—E. Laberge.\*

  Primary Examination.—\*Hon. Levi R. Church, Montreal, Q.
- 1857. Thesis.—\*Hon. Levi R. Church, Montreal, and D. T. Robertson,
  Lennoxville, Q.
  Final Examination.—\*Hon, Levi R. Church, Montreal, Q.
  Primary Examination.—James Kerr.\*
- 1858. Thesis.—Timothy F. English,\* and W. F. Taylor, Peterboro, O. Final Examination.—Wm. Harkin.\*

  Primary Examination.—Wm Harkin.\*
- 1859. THESIS.—Edward W. Smith.\*

  Final Examination.—James J. O'Dea, Stapleton, Staten Island,

  New York.

  Primary Examination.—Henry Warren.\*

<sup>\*</sup> Deceased.

- 1860. Thesis.—J. W. Pickup.\*

  Final Examination.—Henry Warren.\*

  Primary Examination.—Joseph M. Drake,\* and Fred. Sutherland.\*
- 1861. Thesis.—Joseph M. Drake,\* F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.

  Final Examination.—Joseph M. Drake.\*

  Primary Examination.—Thos. C. Walton, Inspector U.S. Navy
  Annapolis, Md.
- 1862. THESIS.—R. M. Bucke, London, O.

  Final Examination.—John A. Stewart.\*

  Primary Examination.—John J. Marston, Cheyenne, Wyoming.
- 1863. Thesis.—Wm. C. Gustin.\*

  Final Examination.—J. J. Marston, Cheyenne, Wyoming.

  Primary Examination.—R. A. Kennedy,\* and Peter A. McDougall, Ottawa, and C. F. Bullen.\*
- 1864. Thesis.—W. W. Squire.\*

  Final Examination.—D. Howard Harrison, Winnipeg.

  Primary Examination.—Kenneth Reid, New York.
- 1865. Holmes' Gold Medal.—E. P. Hurd, Newburyport, Mass.

  Final Examination.—H. L. Vercoe.\*

  Primary Examination.—George Ross,\* and W. Gardner,

  Montreal.
- 1866. Holmes' Medallist.—George Ross, M.A.\*

  Final Examination.—William Gardner, Montreal, Q.

  Primary Examination.—Clinton W. Kelly, Louisville, Ky.
- 1867. Holmes' Medallist.—Clinton W. Kelly, Louisville, Ky.

  Final Examination.—C. W. Kelly, Louisville, Ky.

  Primary Examination.—Wm. Henry Patterson.
- 1868. Holmes' Medallist.—T. G. Roddick, Montreal, Q.

  Final Examination.—T. G. Roddick, Montreal, Q.

  Primary Examination.—Andrew Harkness, Lancaster, O.
- 1869. Holmes' Medallist.—T. D. Lucas.\*

  Final Examination.—Andrew Harkness, Lancaster, O.

  Primary Examination.—Alexander A. Henderson, Ottawa, O.
- 1870. HOLMES' MEDALLIST.—A. A. Henderson, Ottawa, O. Final Examination.—O. H. E. Clarke, Chicago.

  Primary Examination.—J. H. Mathieson, St. Mary's, O.

<sup>\*</sup> Deceased.

- 1871. Holmes' Medallist.—J. H. Mathieson, St. Mary's, O. Final Examination.—H. P. Wright, Ottawa, O. Primary Examination.—Thomas Kelly, Omaha, Neb.
- 1872. Holmes' Medallist.—Hamilton Allan, Tacoma, W.T.

  Final Examination.—G. A. Starke, Milwaukee, Wis.

  Primary Examination.—F. J. Shepherd, Montreal.

  Special Prize for Thesis.—W. Osler, Baltimore, Md.
- 1873. Holmes' Medallist.—Thomas Kelly, Omaha.

  Final Examination.—D. A. Alguire, Cornwall, Ont.

  Primary Examination.—J. D. Cline, B.A.\*
- 1874. HOLMES' MEDALLIST.—J. D. Cline, B.A.\*

  Final Examination.—J. C. Cameron, Montreal.

  Primary Examination.—S. J. Tunstall, B.A., Kamloops, B.C.
- 1875. Holmes' Medallist.—S. J. Tunstall, B.A., Kamloops, B.C.

  \*Final Examination.—J. B. Benson, Chatham, N.B.

  \*Primary Examination.—C. H. Murray, B.A.,\* R. H. W. Powell,

  Ottawa, Ont.
- 1876. Holmes' Medallist.—Robert H. W. Powell, Ottawa, O.

  Final Examination.—Chas. H. Murray, B.A.\*

  Primary Examination.—Alex. C. Fraser, Manitowoc, Wis.

  Special Prize for Thesis.—R. L. MacDonnell, B.A.,

  Montreal.\*
- 1877. Holmes' Medallist.—James Bell, Montreal, Q.

  Final Examination.—W. D. Oakley, Streetsville, O.

  Primary Examination.—H. N. Vineberg, New York.
- 1878. Holmes' MedalList.—H. N. Vineberg, New York.

  Final Examination.—T. W. Mills, M.A., Montreal.

  Primary Examination.—W. R. Sutherland, Montreal.

  Sutherland Gold Medal.—J. M. Lefebvre, Vancouver, B.C.
- 1879. Holmes' Medallist.—J. B. Lawford, London, Eng.

  Final Examination.—A. W. Imrie, Detroit.

  Primary Examination.—J. A. McDonald, Montreal.

  Sutherland Gold Medal.—W. L. Grey, Pembroke, O.
- 1880. Holmes' Medallist.—J. A. McDonald, Montreal.

  Final Examination.—H. B. Small, Ottawa.

  Primary Examination.—James Ross, B.A., Dundas, O.

  Sutherland Gold Medal.—H. W. Thornton, B.A., New
  Richmond, Q.

<sup>\*</sup>Deceased.

- 1881. Holmes' Medallist.—James Ross, B.A., Dundas, O.

  Final Examination.—John W. Ross, Cohoes, N.Y.

  Primary Examination.—R. J. B. Howard, B.A., London, Eng.

  Sutherland Gold Medal.—C. E. Cameron, Montreal.
- 1882. Holmes' Medallist.—R. J. B. Howard, B.A., London, Eng.

  Final Examination.—Henry V. Ogden, B.A., Milwaukee, Wis.

  Primary Examination.—George A. Graham, Hamilton, O.

  SUTHERLAND GOLD MEDAL.—Wyatt G. Johnston, Montreal, Q.

  MORRICE SCHOLAR.—Wyatt G. Johnston, Montreal, Q.
- 1883. Holmes' Medallist.—C. E. Cameron, Montreal.

  Final Examination.—L. B. Loring, Chicago, Ill.

  Primary Examination.—Ed. G. Wood, Mitchell, O.

  SUTHERLAND GOLD MEDAL.—R. F. Ruttan, B.A., Montreal, Q.

  MORRICE SCHOLAR.—R. F. Ruttan, B.A., Montreal, Q.
- 1884. Holmes' Medallist.—Wm. A. Ferguson, Bathurst, N.B.

  Final Examination.—James P. McInerney, Kingston, N.B.

  Primary Examination.—Smith Gustin, Bay City, Mich.

  Sutherland Gold Medal.—John Elder, B.A.
- 1885. Holmes' Medallist.—Edwin G. Wood, Mitchell, O.

  Final Examination.—Smith Gustin, Bay City, Mich.

  Primary Examination.—Ed. J. Evans, La Crosse, Wis.

  SUTHERLAND GOLD MEDAL.—H. A. Lafleur, B.A., Montreal, Q.
- 1886. Holmes' Medallist.—Herbert S. Birkett, Montreal, Q.

  Final Examination.—Walter W. White, M.A., St. John, N.B.

  Primary Examination.—William I. Bradley, Sault St. Marie.

  Sutherland Gold Medal.—William I. Bradley, Sault St.

  Marie.
- 1887. Holmes' Medallist.—Ed. Evans, La Crosse, Wis.

  Final Examination.—Henri A. Lafleur, B.A., Montreal, Q.

  Primary Examination.—A. E. Garrow, Ottawa.

  Sutherland Gold Medal.—John Creasor, Toronto, O.
- 1888. Holmes' Medallist.—N. D. Gunne, St. Mary's, O.

  Final Examination.—W. G. Stewart, Montreal, Q.

  Primary Examination.—R. E. McKechnie, Montreal, Q.

  SUTHERLAND GOLD MEDAL.—C. W. Bissett, St. Peters, N.S.
- 1889. Holmes' Medallist.—Alex. E. Garrow, Ottawa, O.

  Final Examination.—\*Hugh McKercher.

  Primary Examination.—Wm. Arthur Brown, Chesterville, O.

  SUTHERLAND GOLD MEDAL.—John C. Clemesha, Port Hope, O.

- 1890. Holmes' Medallist.—R. E. McKechnie, Nanaimo, B.C.

  Final Examination.—E. J. Bowes, Soudan, Minn.; M. W. Murray, New Decatur, Alabama.

  Primary Examination.—James Henderson, Warkworth, Ont.

  Sutherland Gold Medal.—Thomas Jameson, Rochester,

  N.Y.

  CLEMESHA PRIZE.—A. H. Coleman, Tacoma, Wash.
- 1891. Holmes' Medallist.—W. A. Brown, Chesterville, Ont.

  Final Examination.—W. F. Hamilton, Sackville, N.B.

  Primary Examination.—W. E. Deeks, Williamsburg, Ont.

  Sutherland Gold Medal.—J. A. Henderson, Orangeville,

  Ont.

  CLEMESHA PRIZE.—W. S. Morrow, Halifax, N.S.
- 1892. Holmes' Medallist.—Thomas Jameson, Rochester, N.Y.

  Final Examination.—James Henderson, Warkworth, Ont.

  Primary Examination.—A. Davidson, Burns, Ont.

  Sutherland Gold Medal.—A. Davidson, Burns, Ont.

  CLEMESHA PRIZE.—W. B. H. Massiah, Barbadoes, W.I.
- 1893. Holmes' Medallist.—W. E. Deeks, B.A.; N. Williamsburgh, O. Final Examination.—John Alexander Henderson, Montreal, Q. Primary Examination.—W. J. LeRossignol, B.A., Montreal, Q. Sutherland Gold Medal.—Walter J. LeRossignol, B.A. CLEMESHA PRIZE.—R. B. McKay, B.A., Monotick, Ont.
- 1894. Holmes' Medallist.—Andrew A. Robertson, B.A., Montreal, Q. Final Examination.—Albert G. Nichols, M.A., Montreal, Q. Primary Examination.—W. N. Kendrick.

  SUTHERLAND MEDAL.—G. D. Robins, B.A., Durham, Q. CLEMESHA PRIZE.—Allan Davidson, Burns, Ont.
- 1895. Holmes' Medallist.—William A. Feader, Iroquois, O.

  Final Examination.—Wm. G. Reilly, Montreal, Q.

  Primary Examination.—C. B. Keenan, Ottawa, Ont.

  SUTHERLAND MEDAL.—C. B. Keenan, Ottawa, Ont.

  CLEMESHA PRIZE.—W. W. Wickham, Summerside, P.E.I.
- 1896. Holmes' Medallist.—Geo. Dougall Robins, B.A., Durham, Q.

  Final Examination.—Geo. Reginald Deacon, Stratford, Ont.

  SUTHERLAND MEDAL.—A. L. McMurtry, Bowmanville, Ont.

  CLEMESHA PRIZE.—Robt. Oswald Ross, B.A.,Rossville, N.S.

  Second Year Examination.—W. G. Rose, Lakeville, P.E.I.

  First Year Examination.—A. H. Gordon, St. John, N.B.

- 1897. Holmes' Medallist.—John G. Dougall, Amherst, N.S.

  Final Examination.—A. R. Pennoyer, Gould, Que.

  Clemesha Prize.—I. H. Laidley, Lachine, Que.

  Third Year Examination.—W. H. Dalpé, B.A., Montreal, Q.

  Second Year Examination.—F. J. Nicholson, B.A., Victoria, B.C.

  First Year Examination.—D. R. Second, Brantford, Ont.
- 1898. Holmes' Medallist.—W. O. Rose, Lakeville, P.E.I.

  Final Prizeman.—R. F. Beattie, Economy, N.S.

  Sutherland Medal.—J. R. O'Brien, Ottawa, Ont.

  Clemesha Prize.—C. A. Peters, St. John's, Nfid.

  Third Year Prize.—A. H. Gordon, St. John, N.B.

  Second Year Prize.—E. R. Secord, Brantford, Ont.

  First Year Prize.—J. Bruce, B.A., Moncton, N.B.
- 1899. Holmes' Medallist.—A. H. Gordon, St. John, N.B.

  Final Prizeman.—T. G. McNiece, Carsonby, Ont.

  Sutherland Medal.—J. W. T. Patton, Ponds, N.S.

  Clemesha Prize.—F. J. Nicholson, B.A., Victoria, B.C.

  Third Year Prize.—E. R. Secord, Brantford, Ont.

  Second Year Prize.—R. H. Ker, B.A., Montreal, Que.

  First Year Prize.—R. M. Van Wart, B.A., Fredericton, N.B.
- 1900. HOLMES' MEDALLIST.—E. R. Secord, Brantford, Ont. Final Prizeman.—J. W. T. Patton, Ponds, N.S. SUTHERLAND MEDAL.—H. McN. Collison, Dixon's Corners, N.B.

CLEMESHA PRIZE.—C. K. P. Henry, Ottawa, Ont.

Third Year Prize.—R. H. Ker, B.A., Montreal, Que.

Second Year Prize.—R. M. Van Wart, B.A., Fredericton, N.B.

First Year Prize.—W. E. Nelson, Montreal, Que.

## XXI.

## DIRECTORY OF GRADUATES IN MEDICINE.

Aborn, W. H	1887
Adami, J. G. (ad eundem) Montreal	1899
Addison, Jas. L St. George, O	1884
Addy, G. A. B St. John, N.B	1890
*Adsetts, John	1866
Akerley, A. W. K Fredericton, N.B.	1900
Alexander, C. C St. George, N.B	1895
Alexander, Robert A Grimsby, O	1871
Alexander, W. W Lachute, Que	1891
Alguire, Duncan O Cornwall, O	1873
Allan, Hamilton	1872
Allan, J. H. B	1885
*Allard, Emery	1866
Allen, C. E Swanton, Vt	1883
Allen, J. H., B.A Barnesville, N.B	1895
Alley, G. T	1899
*Alloway, Thomas Johnson	1869
Anderson, Alex Med. Dept. Indian Army.	1866
Anderson, D. P., B.A Montreal	1895
*Anderson, John C	1865
Anthony, X. L Belt. Montana	1895
Archer, Thos	1869
Archibald, E. W. B.A Montreal	1896
Ardagh, Johnson Orillia, O	1869
Argue, J. F Ottawa, O	1896
Armitage, J. H	1886
Armstrong, G. E Dunham. Q	1900
	1877
*Arnoldi, Daniel (Hon.)	1848
Arthur, R. H Sudbury, O	1885
Atkinson, Robert.	1862
Ault, Charles Montreal	1855
Ault, C. R Montreal	1896
*Ault, James F	1855
Ault, Alexander Oshkosh, Wis	1860
Ault, C. A Colfax, Washington Terr	1890
Ault, Edwin D	1868
Austin, Fred. John Sherbrooke, Q	1862
Ayer, N., M.A	1880
Aylon E. D.	1893
Aylen, E. D	
	1863
Aylen, James	
Aylen, P Fort McLeod, Alberta, N.W.T	1886
Aylen, W. W St. Andrew's, Q	
Aylen, W. W St. Andrew S, Q	1000

<sup>\*</sup> Deceased.

<sup>†</sup> Holmes Medalist.

Aylmer, A. L 329 Central Ave., Minneapo	-
lie Minn	1000
Backnouse, J. B Braidwood III	1970
Baer, D. C	1999
Dalley, John W., B.A Cumberland BC	100=
Bain, D. S. E	1000
Dain, Hugh U Prince Albert NWT	1074
Baird, J. A Brucefield O	1000
Dairu, James G Riverside Colif	1070
Baird, T. A. D Bay City Mich	1995
Daker, Albert	1848
Ballantyne, C. T Ottawa East O	1900
Banni, S. A East Angus O	1898
Barciay, George	
Barciay, J Montreal	1897
Barlow, W. L., B.A Montreal	1898
Darnston, James (ad eun)	1856
Darrett, Jos. A Cresco Towa	1884
Basken, J. T Mille Roche	1895
Battersby, Charles Port Dover O	1861
Daylield, G. E Charlottetown PET	1898
Baylles, Geo. Aylmer 357 W. Munroe St. Chicago III	1869
Baynes, Donald, M.A 44 Brooks St., Gros. Square,	
Londan Eng	1876
Bazin, A. T Montreal	1894
Beadle, W. D	1900
Bearman, G. P Bell's Corners O	1898
Beatty, D	1862
Deatty, E. D Mallard Town	1895
Beattle, R. F	1898
Beautette, Alfred	1865
Beautry, Louis H St Casaira O	1871
Beckstead, M Lisbon Centre, St. L. Co.,	
NV	1878
Beers, A. H Montreal	1891
Dell, John, M.A.	1866
Bell, Robert W Peterboro' O	1873
Dell, James	1877
Bell, Robt., C.E Ottawa	1878
Dell, J Wastvilla N.C.	1898
Dell, J. H., B.A Montreal	1888
Delleau, Alfred Ouehec	1862
Boston Boston	
Bennie P	1865
Bennie, R	1891
Benson, Joseph B Chatham, N.B	1875
*Bergeron, Joseph.	1870
Doighi, Daiby	1847
Dolly, J. A	1887
Delly, It. F	1888
Delwick, G. A Montreal	1892
Berwick, R. H	1891
Dessey, William E Toronto	1863
Bibauu, Jean G	1843
	1892

	1886
Birkett, H. S	1000
Distance of Wi	1895
	1900
Bishop, T. E	1890
	- TO TO THE R. P. L.
	1871
	1887
TOTAL TOTAL POPULATION OF THE CONTRACTOR OF THE	1898
Taba T	1851
*D1bot T D	1863
Die Dobt C	1865
*Tich Tohn W	1865
South Mountain, U	1895
Grandy, Q	1893
Demont Invino D Campbelliord, U	1859
New Westminster, B.C	1886
*D	1875
Demostrati C A Columbus, Neb	1881
Bernall d Fernie, B.C	1896
Presque Isle, Maine	1887
Booth, J. S	1889
Bostwick, W. F	1893
Boucher, R. B	1895
Bouck, C. W Brinston Corners, O	1895
Double Coo II	1852
Coaticoke, Q	1892
Knoxville, Telli,	1887
Waddington N.Y	1865
	1890
Brockville, O	
Bowles, C. T Ottawa, O	1899
The William E	1860
77 D	1883
Kelowna, B.C.	1892
Doyce, L. I. Trich	1887
10000	1842
1 A 3 A 3 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4	. 1857
Boyle, Albert D	. 1877
Dro dlor I II Charlottetown, 1.12.1	
*Brodley William	
Prodley W I BA Ottawa, O	
*Projeth wrotte Frances H	
Braithwaite, J. M	. 1896
Brandon John Ancaster, O:	. 1867
Propose I P N. Lawrence, N. I	. 1000
Brears, C. F Regina, N.W.T	. 1898
Breslin, William I	. 1847
*Dwigham Togich S	. 1040
Brissette, Henry R Lowell, Mass	. 1011
*Prigtal Amas S	. 1850
Broderick E J St. John, N.B	
Brodeur, Alphonse Roxton Falls, Q	1863
*Brodie, John	. 1011
*Brooks, Samuel T	1851
Drooms, Samuel 1.	

Brossard, J. B. J Laprairie, Q	
*Brouse, William H. Laprairie, Q	. 187
*Brouse, Jacob E	. 184
Brouse, J. E.	. 186
Brown, C H DA Benver, B.C	. 189
*Brown, Chs. O	. 189
Brown, C. I. BA	. 188
Brown, E. L.	. 189
Brown, G. A	. 190
Brown, Peter E	. 1889
Brown, Harry	. 1863
Brown, J. L.	. 1873
Brown, J. A	. 1879
Brown, F. W A Buckingnam, Ill	. 1893
Brown, W. A	. 1892
Brown, W. F. B.A Chestervine, O	. 1891
Brown, W. K Plattsburg, N.Y	1899
Brown, W. K	1897
Browne, Thos. L	1881
Browne, Arthur A., B.A Melbourne, Q	1872
Browning, W. E	1899
Bruce, D. A	1892
*Bruneau, Auolphe	1853
*Bruneau, Oliver T. (Hon.)*Bruneau, Onesime	1843
*Bruneau, Onesime*Brunette, J. S	1851
*Brunette, J. S. Brunelle, P.	1892
Brunelle, P Lowell, Mass	1896
4759 Calumet Ave. Chicago	1000
Bucke, Edward H	1867
Bucke Dichard 35	
Bucke, Richard Maurice London, O	1852
Buckle, John M. C.	1852 1862
Buckle, John M. C. Buckley, William P	1852 1862 1869
Buckle, John M. C. Buckley, William P Prescott, O	1852 1862 1869 1870
Buckle, John M. C.  Buckley, William P.  Buffett, C., B.A.  Bull, George J.  Panilo, Hawaii, H.I.	1852 1862 1869 1870 1900
Buckley, William P. Prescott, O.  Buffett, C., B.A. Paanilo, Hawaii, H.I.  Bull, George J. 4 rue de la Paix, Paris	1852 1862 1869 1870 1900 1869
Buckle, John M. C.  Buckley, William P.  Buffett, C. B.A.  Bull, George J.  Bullen, Charles F.  Buller, Frank	1852 1862 1869 1870 1900 1869 1864
Buckle, John M. C.  Buckley, William P.  Buffett, C., B.A.  Bull, George J.  Bullen, Charles F.  Buller, Frank  Burch, B. F.  Prescott, O.  Paanilo, Hawaii, H.I.  4 rue de la Paix, Paris  Montreal  Scholtreal	1852 1862 1869 1870 1900 1869
Buckle, John M. C.  Buckley, William P.  Buffett, C., B.A.  Bull, George J.  Bullen, Charles F.  Buller, Frank  Burgess J. A.  London, O.  Prescott, O.  Paanilo, Hawaii, H.I.  4 rue de la Paix, Paris  Montreal  Spokane, Wash. Ter.	1852 1862 1869 1870 1900 1869 1864 1879 1866
Buckle, John M. C.  Buckley, William P.  Buffett, C., B.A.  Bull, George J.  Bullen, Charles F.  Buller, Frank Burler, B. F.  Burgess J. A.  Burland, John H.  Bunder, Charles F.  Burden, B. F.  Burden, B. F.  Burden, B. F.  Burden, B. F.  Burdend, John H.  Burdend, John H.  Bunder, Charles  Bunder, Frank  Burdend, John H.  Burdend, John H.  Bunder, Charles  Burdend, O.  Burdend, O.  Burdend, O.  Bunder, Charles  Bunder, Charles	1852 1862 1869 1870 1900 1869 1864 1879 1866 1868
Buckle, John M. C. Buckley, William P. Buffett, C. B.A. Bull, George J. Bullen, Charles F. Buller, Frank Burlen, B. F. Burgess J. A. Burland, John H. Burland, William B. Buckley, William B. Bundon, O. Prescott, O. Paanilo, Hawaii, H.I. Paanilo, Wash. Ter. Lakefield, O.  Mantreal	1852 1862 1869 1870 1900 1869 1864 1879 1866 1868 1863
Buckle, John M. C.  Buckley, William P.  Buffett, C., B.A.  Bull, George J.  Bullen, Charles F.  Buller, Frank  Burch, B. F.  Burgess J. A.  Burland, John H.  Burland, William B.  Burland, W. H.	1852 1862 1869 1870 1900 1869 1864 1879 1866 1868 1863
Buckle, John M. C. Buckley, William P. Buffett, C., B.A. Bull, George J. Bullen, Charles F. Buller, Frank Burch, B. F. Burgess J. A. Burland, John H. Burland, William B. Burland, W. H. Burland, Samuel C. Bundon, O. Prescott, O. Paanilo, Hawaii, H.I. Spokane, Wash. Ter. Lakefield, O.  Montreal Punta Gorda, Fla. Burland, Samuel C. Lock Box 840, Ludington	1852 1862 1869 1870 1900 1869 1864 1879 1866 1868 1863
Buckle, John M. C. Buckley, William P. Prescott, O. Buffett, C. B.A. Paanilo, Hawaii, H.I. Bull, George J. 4 rue de la Paix, Paris Bullen, Charles F Buller, Frank Montreal Burch, B. F. Spokane, Wash. Ter. Burgess J. A. Lakefield, O. Burland, John H. Burland, William B. Montreal Burland, W. H. Punta Gorda, Fla. Burland, Samuel C. Lock Box 840, Ludington, Mich., U.S.A.	1852 1862 1869 1870 1900 1869 1864 1879 1866 1868 1863 1872
Buckle, John M. C.  Buckley, William P.  Buffett, C., B.A.  Bull, George J.  Bullen, Charles F.  Buller, Frank  Burland, John H.  Burland, William B.  Burland, W. H.  Burland, Samuel C.  Bunder, Company Com	1852 1862 1869 1870 1900 1869 1864 1879 1866 1868 1863
Buckle, John M. C.  Buckley, William P.  Buffett, C., B.A.  Bull, George J.  Bullen, Charles F.  Buller, Frank  Burland, John H.  Burland, William B.  Burland, W. H.  Burland, Samuel C.  Bunder, Company Com	1852 1862 1869 1870 1900 1869 1864 1879 1866 1868 1872 1875
Buckle, John M. C. Buckley, William P. Prescott, O. Buffett, C. B.A. Paanilo, Hawaii, H.I. Bull, George J. 4 rue de la Paix, Paris Bullen, Charles F Buller, Frank Montreal Burch, B. F. Spokane, Wash. Ter. Burgess J. A. Lakefield, O. Burland, John H. Burland, William B. Montreal Burland, W. H. Punta Gorda, Fla. Burland, Samuel C. Lock Box 840, Ludington, Mich., U.S.A. Burland, Benj. W. 32 Jay St., Schenectady, N.Y.	1852 1862 1869 1870 1900 1869 1864 1879 1866 1868 1863 1872 1875
Buckle, John M. C. Buckley, William P. Prescott, O. Buffett, C., B.A. Paanilo, Hawaii, H.I. Bull, George J. 4 rue de la Paix, Paris Bullen, Charles F. Buller, Frank Montreal Burch, B. F. Spokane, Wash. Ter. Burgess J. A. Lakefield, O. Burland, John H. Burland, William B. Montreal Burland, W. H. Punta Gorda, Fla. Burland, Samuel C. Lock Box 840, Ludington, Mich., U.S.A.  Burland, Benj. W. 32 Jay St., Schenectady, N.Y. Burnett, P. Montreal	1852 1869 1870 1900 1869 1864 1879 1866 1868 1872 1875 1877
Buckle, John M. C.  Buckley, William P.  Buffett, C., B.A. Bull, George J.  Bullen, Charles F.  Buller, Frank Burlen, B. F.  Burland, John H.  Burland, William B.  Burland, William B.  Burland, Samuel C.  Burland, Benj. W.  Burland, Benj. W.  Burnett, P.  Burnett, W. B., B.A.  Burrell, R. H., B.A.  Burland, W. C.  Burland, B. Montreal  Burland, William B.  Montreal  Lock Box 840, Ludington, Mich., U.S.A.  32 Jay St., Schenectady, N.Y.  Montreal  Burnett, W. B., B.A.  Vancouver, B.C.	1852 1869 1870 1900 1869 1864 1879 1866 1868 1872 1875 1877
Buckle, John M. C. Buckley, William P. Buffett, C., B.A. Bull, George J. Bullen, Charles F Buller, Frank Burlen, B. F. Burgess J. A. Burland, John H. Burland, William B. Burland, W. H. Burland, Samuel C. Burland, Benj. W. Burland, Benj. W. Burnett, P. Burnett, P. Burnett, W. B., B.A. Burrell, R. H., B.A. Burlen, G. Burlend, G. B	1852 1862 1869 1870 1900 1869 1864 1879 1866 1868 1872 1877 1877
Buckle, John M. C.  Buckley, William P.  Buffett, C., B.A.  Bull, George J.  Bullen, Charles F.  Buller, Frank  Burch, B. F.  Burgess J. A.  Burland, John H.  Burland, William B.  Burland, W. H.  Burland, Samuel C.  Burland, Benj. W.  Burland, Benj. W.  Burnett, P.  Burnett, P.  Burnett, W. B., B.A.  Burrell, R. H., B.A.  Burris, J. S.  Burritt, C. H.  Buckley, William P.  Pananilo, Hawaii, H.I.  Pananilo, Hawaii, H.I.  A rue de la Paix, Paris  A pontreal  Lakefield, O.  Lakefield, O.  Burnetal  Burnetal  Wanouver, B.C.  Stewiacke, N.S.  Burritt, C. H.  Mitchell, O.	1852 1869 1870 1900 1869 1864 1879 1868 1863 1872 1875 1877 1882 1900 1899 1897
Buckle, John M. C. Buckley, William P. Buffett, C. B.A. Bull, George J. Bullen, Charles F. Buller, Frank Burlen, B. F. Burgess J. A. Burland, John H. Burland, William B. Burland, William B. Burland, Samuel C. Burland, Benj. W. Burland, Benj. W. Burnett, P. Burnett, P. Burnett, P. Burnett, W. B., B.A. Burnett, R. H., B.A. Burritt, C. H. Burritt, C. H. Burlend, C. Burritt, C. B. Burritt, C. Burritt, C. Burritt, C. Burritt, C. Burritt, O. Burland, O. Burland, Hawaii, H.I. Banilo, Hawaii, H.	1852 1862 1869 1870 1900 1869 1864 1879 1866 1868 1872 1875 1877 1882 1900 1899 1897 1899
Buckle, John M. C. Buckley, William P. Buffett, C. B.A. Bull, George J. Bullen, Charles F. Buller, Frank Burlen, B. F. Burgess J. A. Burland, John H. Burland, William B. Burland, William B. Burland, Samuel C. Burland, Benj. W. Burland, Benj. W. Burnett, P. Burnett, P. Burnett, W. B., B.A. Burnett, R. H., B.A. Burreit, R. H., B.A. Burritt, C. H. Burritt, Horation C. Burrows, Philip P. Burrows, Paanilo, Hawaii, H.I. Paanilo, Paanilo, Hawaii, H.I. Paanilo, Hawaii, H.I. Paanilo, Hawaii, H.I. Paanilo, Hawaii, H.I. Paanilo, Hawaii, Hall	1852 1862 1869 1870 1900 1869 1864 1879 1866 1868 1872 1875 1877 1882 1900 1899 1897 1899 1890 1893
Buckle, John M. C.  Buckley, William P.  Buffett, C., B.A.  Bull, George J.  Bullen, Charles F.  Buller, Frank  Burch, B. F.  Burgess J. A.  Burland, John H.  Burland, William B.  Burland, W. H.  Burland, Samuel C.  Burland, Benj. W.  Burland, Benj. W.  Burnett, P.  Burnett, P.  Burnett, W. B., B.A.  Burrell, R. H., B.A.  Burris, J. S.  Burritt, C. H.  Buckley, William P.  Pananilo, Hawaii, H.I.  Pananilo, Hawaii, H.I.  A rue de la Paix, Paris  A pontreal  Lakefield, O.  Lakefield, O.  Burnetal  Burnetal  Wanouver, B.C.  Stewiacke, N.S.  Burritt, C. H.  Mitchell, O.	1852 1862 1869 1870 1900 1869 1864 1879 1866 1868 1872 1875 1877 1882 1900 1899 1897 1899

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	1876
Busby, J Harrison, Kootenai Co.,	
	1891
	1865
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Byers, W. G. M Montreal	1894
	1880
Calkin, B. H 189 Lamartin St., Boston,	
Mass	1891
	1874
	1877
Cameron, John D Iron Mountain, Mich	1878
	1893
	1881
	1883
	1885
	1888
	1899
	1843
*Campbell, Donald Peter	1860
Campbell, Geo. G., B.Sc Montreal	1889
*Campbell, A. W	1886
Campbell, Francis Wayland Montreal	1860
Campbell, I. G Montreal	1897
*Campbell, Samuel	1866
Campbell, John 669 Leonard St., Brooklyn,	1000
*Compbell I	1869
*Campbell, J. M	1876
Campbell, LorneMontreal	1890 1882
	1877
Cannon, Gilbert	1011
H.I	1873
Carey, Augur, D. L. (ad eun)	1864
Carmichael, H. B. W Montreal	1892
Carlaw, C. M	1891
Carman, J. B Detroit, Mich	1879
Carmen, Phillip E Detroit, Mich	1879
Carnwath, J. E. M Riverside, N.B	1900
*Carron, F. B	1896
*Carroll, Robert W. W	1859
Carroll, R. W Grand Boulevard, Chicago,	
III	1893
Carruthers, Geo Alberton, P.E.I	1883
Carson, J. H Duluth, Minn	1881
*Carson, Augustus	1843
Carter, Samuel A Meadow Vale, O	1859
Carter, L. H Coulterville, Mariposa, Co.,	
Cal	1888
Casselman, P. C Morrisburg, O	1899

Cassidy, David M M. S. Co. Asy., Lancaster,
H'n or
Coldatone O
Godorich O
Case, W. Hellianus. Howilton O
Mindgon O
Ottown
St (Loorgo O
Cherry, William
Chesley, George Ashbold
Chevaller, Napoleon E. St Tohna O
Chipman, C. J. H. B.A.
Chipman, R. J In Grand Organi
Mow Classon Mc
*Chisholm, Alex
Chisholin, G. A Now Glacon No
Ray Pohonta Mas
Christie, George H
Chi istic, Julii D.
Chilibric, Illumas
Children, John H., D.A.
Christie, W., B.A 7100 Cottage Grove Ave,
Chicago III
Christie, Edmund 871 W. 22nd St., Chicago,
Til
Church, Charles H
Church, Hon. Levi R.
Church, John R Aylmon O
Charen, reter n.
The chill, U. L., D.A
Clark, Julii
Clarke, F. G. D.
The, Octavius H. E 57 Vincennes Ave. Chicago 1870
Ciarre, fielly J
Citatin, Iticinatu A
Clarke, J. L

	1869
Clamache Tohn W Port Hope, C	1867
Clamacha T C 329 Frankin St., Bullato,	
N.Y	1891
Port Hope, O	1900
Clindinia C T Dawson City, Iukon	1897
Table D DA	1874
Warkworth, O	1890
Clauston T B Huntingdon, Q	1888
Daniel	1870
Canterbury Station, N.D	1893
Godd Alfred Fort Osborne, Williams,	
	1865
Charlottetown, P.E.I	1900
Colomon A H Tacoma, Wash	1890
to We Thenles W	1869
Calliago P Norfolk, St. Law. Co., N. I.	1878
*G. Lashaun Coorgo	1876
O 1 bound D D A Montreal	1896
Galain A P St. Paul, Minneapons	1894
Commony John B Farnham, Q	1870
Rat. Carleton Co., N.B.	1895
Campor C P 408 California Blug., Denver,	
Col., U.S.A	1888
Colmov. Iowa, U.S.A	1900
Cook C. P Lalitpur, N.W. Prov. India	1900
Gal Gay B B A usville, N.Y	1876
Good Homon L. Brighton, O	1854
Gooks Sydney P 202 Elgin St., Ottawa	1869
Galaghaldon E	1834
Gooks Charles H D'Israeli, O	1866
Cooke, Charles W H D'Israeli, Q	1876
Grand M A Howick, Q	1893
Concland Wm L 866 W. Munro St., Chicago,	
Ill	1872
G-bat C C Musquash, N.B	1898
*Corbett A M P	1854
Parrsboro, N.S	1896
Garbett Wm H Brig. Surg. Army Med. Dep	. 1854
Carbin F G Mendoza, Argentine Repub-	
lic. S. A	1890
Corcoren T A Waterloo, Q	1898
Corlis Tosiah Sydney, Australia	1869
Cormack Wm Guelph, O	1881
*Congon Tohn	1866
Victoria, B.C	1885
Costello A E Montreal	1900
Cowansville, Q	1877
212 Metcalfe St., Ottawa, O.	1882
Covert A M Lakeville, N.S	1898
Cowio A M St. Diego, Cal	1877
Cowie W PA Lowell Town, Maine	1895
Cowporthwaite W. M St. John's, Nfld	1900
*Cox, Frank	1869

Cox, J. R.
Cox, J. R
Craig, J. E
Craig, M. A Lower Lake, Cal
Craig, R. H Montreal 1886 Craik, Robert II D
Craik, Robert LLD Montreal 1896
Craik, Robert, LL.D
Cram, Daniel C
Creasor, J. A., B.A
Crocket, W. C. B.A
Crockett, W. C., B.A Fredericton, N.B 1866 Crockett, A. P
*Cowley. Thos McI 1886
*Cowley, Thos. McJ
Crothers, William
Cruikshank, A
Cruikshank, A
Cumming W A Ball 1848
Cumming, W. A
*Cunnynghame, W. C. Thurlow
Curran, T. J. J Montreal
Cushing, H. B., B.A
Cutter, Frederick A. Sutton, Q. 1873 Curtis, I. B. Hartland, N.B. 1899
Cuzner, G
Cuzner, G Gen. Prot. Hosp., Ottawa. 1900
Dalphe, W. H. B.A.
Dalphe, W. H., B.A Montreal 1898
*Daly, Guy D. F
*Dansereau Chas
*Dansereau Pierre 1842
Dansereau, Pierre
Darche, C. E.
Deacon, G. R
Deane, R. B
*Delaney W I 1883
*Dease, Peter Warren 1882
*Dease, Peter Warren
DeBonald, W. S
*Decelles, Charles D
DeCow, D. McG
DeCow, D. McG
Deeks, W. E., B.A

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St. Mary's, O	1887
B C C Warkworth, O	1852
Plantagenet, U	1882
Antoino A	1863
Newcastle, N.B	1888
Offawa	1888
South Port, F.E.I	1893
Dewor I E Minneapolls, Milli	1896
Cookshire, Q	1891
Dowar T A	
Mich	1893
	1880
*Dica George	1864
*Dick Tames R	1842
*Dickinson James S	1846
*Dickingon George	1868
Dielegen S M Montreal	1898
*Dickson William W	1863
Dielegon I A B A Knowiton, Q	1887
Dighy F Winniett Brantford, U	1863
*Dodd John	1864
Debesty W W Campbellton, N.B	1885
Cascade, 10Wa	1896 1900
Donnelly A T R A Cambridge, Mass	1860
*Describer C H	1843
*Dowion Severe	1850
*Depland Frach P	1875
Dorland Tames 103 State St., Chicago, III.	1867
*Dougon Wm	1847
TO TOM TOMOGO	
Dutch Village, Halliax, N.S.	1875
Dewling John F Eagansville, U	1897
Doyle I I	1851
*Drake, Joseph M	1899
Drier, N. E Kilowna, B.C	1896
Drum, L., B.A Quebec, Q	1894
Dryscale, W. F Nanaimo, B.C	1864
	1853
	1859
Duckett, William A Montreal	1896
Duffy, P. F Richmond, P.E.I.	1900
Duffy, P. F	1865
Duffy, P. F	1900
Duhamel, Louis	1860
Dunbar, W. R Belmont, N.S.	1897
*Duncan, George	1866
Duncan, Gedeon M Bathurst, N.B	1871
Duncan, George C London, Eng	1875
Duncan James S Surgeon-Major Army, 209	
Vauxhall Rd., London, Eng	. 1858
*Duncan, John	1871
Duncail, John	

Duncan, John A Victoria, B.C	. 1884
Horong Dolla Mi	
Duval, J. L	. 1856
Waltham Maga	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Ta vernet, Edward Inony Me	1898
Dyer, E. O., B.A.	
Eager, W. H Barton, N.S.	1899
Easton, John Brockville, O	1050
Easton, C. L Smith's Falls O	1852
*Eberie, Harry A	1887
*Eberts, D. W. von	1876
Eberts, E. M. von M.G. Hospital, Montreal	1885
	1897
Edgar, C. J	
	1855
Edwards, J. SLondon, O Edwards, Oliver CRegina, N.W.T	1880
Elder, John, B.A Montreal	1873
Elderkin Edwin I	1885
Elderkin, Edwin J	1884
Elkintohn, A. G	1862
Elliott, F. B Mayfair, O	1896
Ellison, S. R	1878
Ellis, W.E	1887
*Ellis, T. H.	1890
Bills, W. L St John N D	1895
Ellis, G. II Morewood O	1896
Minneapolia Managardia	1857
Minning	1889
	1858
and the contract of the contra	1860
135011, F. G	1889
Estey, A. S Hartland, NR	1894
Ethler, Canxte Montreal	1867
Evans, Grintin Brynkynallt, Bangor, North	
Wales	1864
Evalls, D. J Montrool	1890
Evalls, E. J	1887
Evalls, J. W Schrichen O GDD	1894
Ewall, It. D Montrool	1896
	1873
	1019
Fagan, G. A., B.A North Adams, Mass	1898
raikiler, Alexander Williamstown	
rans, Samuel K 1049 W. Madison St., Chicago	1875
ratewen, G. McGill Sault St. Marie O	1872
Farewell, W. G League Island, Philadel-	1014
phie Be	1868
raiwell, W. A 'Shorthroots O	
	1891

	OFF
Farley, Jas. 1	877
Farley, John J Belleville, O	873
raulkhel, George W	871
Paulkher, D. W	878
Fawcett, R. F. M Jamaica, B.W.I	1899
Feader, W. A Iroquois, O	1895
Feder, H. C 134 S. Halstead St., Chicago,	
Ill	1881
	1886
*Fenwick, Geo. E	1847
*Fergusson, Alex. R	1866
*Fergusson, A. A	1864
Feiguson, Will. A., Dill	1884
Ferguson, W. D. T Cumberland, O	1888
reiguson, w	1894
Ferguson, J. A	1896
Fillmore, E. W Advccate Harbor, N.S	1887
Findlay, C	1896
Finley, F. G Montreal	1885
*Finlayson, John	1834
Tinnie, J. H Montreal	1898
Finnie, John T Montreal	1869
Fish, E. C., B.A Newcastle, N.B	1896
*Fisher. John	1847
Fisk, W. M 49 Prince Arthur, Montreal	1896
*Fitzgerald James	1865
FitzGerald C. T	1899
11000010000	
Flagg J. D "The Wellesley," Buffalo,	
Flagg, J. D	1887
N.Y	1887 1893
N.Y	1893
N.Y	
Flemming, G. W. Petitcodiac, N.B	1893
N.Y	1893 1891 1895 1898
Flemming, G. W. Petitcodiac, N.B. Stetcher, R. W. Stetcher, Mass. Stetcher, Ma	1893 1891 1895 1898 1878
Flemming, G. W. Petitcodiac, N.B. Stetcher, R. W. 281 W. Broadway, Boston, Mass. Stephens, A. M. T. Kingman, Arizona. Forbes, A. M. T. Montreal Stephens, Louis M. Stephens, M	1893 1891 1895 1898 1878 1873
Flemming, G. W. Petitcodiac, N.B. Stetcher, R. W. 281 W. Broadway, Boston, Mass. Kingman, Arizona. Forbes, A. M. T. Montreal Fortier, L. A. Montreal Fortune, Louis M. Fortin Pierre	1893 1891 1895 1898 1878 1873 1845
Flemming, G. W. Petitcodiac, N.B Fletcher, R. W	1893 1891 1895 1898 1878 1873 1845 1896
Flemming, G. W. Petitcodiac, N.B. Sterbrooke, Q. Foster, G. M. Petitcodiac, N.B. Sterbrooke, N.B. Sterbrooke, N.B. Sterbrooke, Q. Greenwood, B.C. Sterbrooke, N.B. Sterbrooke, N.B. Sterbrooke, N.B. Sterbrooke, Q. Greenwood, B.C. Sterbrooke, N.B. Sterbrooke, N.B. Sterbrooke, Q. Greenwood, B.C. Sterbrooke, N.B. Sterbrooke, Q. Greenwood, B.C. Sterbrooke, Q. Sterbrooke	1893 1891 1895 1898 1878 1873 1845 1896 1897
Flemming, G. W. Petitcodiac, N.B. Stetcher, R. W. Sal W. Broadway, Boston, Mass. Strophes, A. M. T. Montreal Fortier, L. A. Montreal Fortine, Louis M. Fortin, Pierre Foss, A. F. Sherbrooke, Q. Foster, G. M. Greenwood, B.C.	1893 1891 1895 1898 1878 1873 1845 1896 1897 1897
Flemming, G. W. Petitcodiac, N.B Fletcher, R. W	1893 1891 1895 1898 1878 1873 1845 1896 1897 1897
Flemming, G. W. Petitcodiac, N.B. Fletcher, R. W. 281 W. Broadway, Boston, Mass. Stimmer Mass. Stimm	1893 1891 1895 1898 1878 1873 1845 1896 1897 1897
Flemming, G. W. Petitcodiac, N.B. Fletcher, R. W. 281 W. Broadway, Boston, Mass. Flinn, J. W. Kingman, Arizona. Forbes, A. M. T. Montreal Fortier, L. A. *Fortune, Louis M. *Fortin, Pierre Foss, A. F. Sherbrooke, Q. Foster, G. M. Greenwood, B.C. Foster, A. L. Ottawa *Foster, Stephen Sewell. Fourney, F. W. Montreal	1893 1891 1895 1898 1878 1873 1845 1896 1897 1897 1846 1900 1894
Flemming, G. W. Petitcodiac, N.B. Stelletcher, R. W. 281 W. Broadway, Boston, Mass.  Flinn, J. W. Kingman, Arizona.  Forbes, A. M. T. Montreal Stelletcher, L. A.  *Fortune, Louis M. Sherbrooke, Q. Foster, G. M. Greenwood, B.C.  Foster, A. L. Ottawa  *Foster, Stephen Sewell Fourney, F. W. Montreal Stelletcher, Fowler, E. S. Hudson, Wis.  Fox. A. C. L. (Ret.) Winnipeg, Man.	1893 1891 1895 1898 1878 1873 1845 1896 1897 1896 1897 1846 1900 1894 1898
Flemming, G. W. Petitcodiac, N.B. Petitcher, R. W. 281 W. Broadway, Boston, Mass.  Flinn, J. W. Kingman, Arizona.  Forbes, A. M. T. Montreal  *Fortune, Louis M.  *Fortin, Pierre  Foss, A. F. Sherbrooke, Q. Foster, G. M. Greenwood, B.C.  *Foster, A. L. Ottawa  *Foster, Stephen Sewell  Fourney, F. W. Montreal  Fowler, E. S. Hudson, Wis.  Fox, A. C. L. (Ret.) Winnipeg, Man.  Fox C. H. Vandalia, Michigan	1893 1891 1895 1898 1878 1873 1845 1896 1897 1897 1846 1900 1894
Flemming, G. W. Petitcodiac, N.B. Fletcher, R. W. 281 W. Broadway, Boston, Mass. Stinn, J. W. Kingman, Arizona. Forbes, A. M. T. Montreal Service, L. A. Service, C. A. Sherbrooke, Q. Foster, G. M. Greenwood, B.C. Foster, G. M. Greenwood, B.C. Foster, A. L. Ottawa Service, Stephen Sewell Fourney, F. W. Montreal Fowler, E. S. Hudson, Wis. Fox, A. C. L. (Ret.) Winnipeg, Man. Fox, C. H. Vandalia, Michigan Fraleigh William S. 379 Manning Ave., Toronto	1893 1891 1895 1898 1878 1873 1845 1896 1897 1897 1846 1900 1894 1898 1898 1895
Flemming, G. W. Petitcodiac, N.B. Fletcher, R. W. 281 W. Broadway, Boston, Mass. Flinn, J. W. Kingman, Arizona. Forbes, A. M. T. Montreal Fortier, L. A. *Fortune, Louis M. *Fortin, Pierre Foss, A. F. Sherbrooke, Q. Foster, G. M. Greenwood, B.C. Foster, A. L. Ottawa *Fourney, F. W. Montreal Fourney, F. W. Montreal Fourney, F. W. Montreal Fowler, E. S. Hudson, Wis. Fox, A. C. L. (Ret.) Winnipeg, Man. Fox, C. H. Vandalia, Michigan Fraleigh, William S. 379 Manning Ave., Toronto Francis, B. Sydney Mines, N.S.	1893 1891 1895 1898 1878 1873 1845 1896 1897 1846 1900 1894 1898 1895 1869 1899
Flemming, G. W. Petitcodiac, N.B. Fletcher, R. W. 281 W. Broadway, Boston, Mass.  Flinn, J. W. Kingman, Arizona. Forbes, A. M. T. Montreal Fortier, L. A.  *Fortune, Louis M.  *Fortin, Pierre Foss, A. F. Sherbrooke, Q. Foster, G. M. Greenwood, B.C. Foster, A. L. Ottawa  *Foster, Stephen Sewell Fourney, F. W. Montreal Fowler, E. S. Hudson, Wis. Fox, A. C. L. (Ret.) Winnipeg, Man. Fox, C. H. Vandalia, Michigan Francis, B. Sydney Mines, N.S. Franser, A. D. 6860 Halsted St., Chicago,	1893 1891 1895 1898 1878 1873 1845 1896 1897 1846 1900 1894 1898 1895 1869 1899
Flemming, G. W. Petitcodiac, N.B. Stetcher, R. W. 281 W. Broadway, Boston, Mass.  Flinn, J. W. Kingman, Arizona.  Forbes, A. M. T. Montreal Stevens, Mass.  *Fortine, Louis M. *Fortin, Pierre  Foss, A. F. Sherbrooke, Q. Foster, G. M. Greenwood, B.C.  Foster, A. L. Ottawa  *Foster, Stephen Sewell Fourney, F. W. Montreal Fourney, F. W. Montreal Fowler, E. S. Hudson, Wis.  Fox, A. C. L. (Ret.) Winnipeg, Man.  Fox, C. H. Vandalia, Michigan  Fraleigh, William S. 379 Manning Ave., Toronto Francis, B. Sydney Mines, N.S.  Fraser, A. D. 6860 Halsted St., Chicago, Ill.	1893 1891 1895 1898 1878 1873 1845 1896 1897 1846 1900 1894 1898 1895 1899
Flemming, G. W. Petitcodiac, N.B. Fletcher, R. W. 281 W. Broadway, Boston, Mass.  Flinn, J. W. Kingman, Arizona. Forbes, A. M. T. Montreal Fortier, L. A.  *Fortune, Louis M.  *Fortin, Pierre Foss, A. F. Sherbrooke, Q. Foster, G. M. Greenwood, B.C. Foster, A. L. Ottawa  *Foster, Stephen Sewell Fourney, F. W. Montreal Fowler, E. S. Hudson, Wis. Fox, A. C. L. (Ret.) Winnipeg, Man. Fraleigh, William S. 379 Manning Ave., Toronto Francis, B. Sydney Mines, N.S. Fraser, A. D. 6860 Halsted St., Chicago, Ill. Fraser, F. C. B.A. Montreal	1893 1891 1895 1898 1878 1873 1845 1896 1897 1846 1900 1894 1898 1895 1899
Flemming, G. W. Petitcodiac, N.B. Petitcher, R. W. 281 W. Broadway, Boston, Mass.  Flinn, J. W. Kingman, Arizona. Forbes, A. M. T. Montreal Fortier, L. A. *Fortune, Louis M. *Fortin, Pierre Foss, A. F. Sherbrooke, Q. Foster, G. M. Greenwood, B.C. Foster, A. L. Ottawa  *Foster, Stephen Sewell Fourney, F. W. Montreal Fowler, E. S. Hudson, Wis. Fox, A. C. L. (Ret.) Winnipeg, Man. Fox, C. H. Vandalia, Michigan Fraleigh, William S. 379 Manning Ave., Toronto Francis, B. Sydney Mines, N.S. Fraser, A. D. 6860 Halsted St., Chicago, Ill. Fraser, F. C., B.A. Montreal	1893 1891 1895 1898 1878 1873 1845 1896 1897 1846 1900 1894 1898 1895 1899 1896 1898 1881
Flemming, G. W. Petitcodiac, N.B. Fletcher, R. W. 281 W. Broadway, Boston, Mass.  Flinn, J. W. Kingman, Arizona. Forbes, A. M. T. Montreal Fortier, L. A. *Fortune, Louis M. *Fortin, Pierre Foss, A. F. Sherbrooke, Q. Foster, G. M. Greenwood, B.C. Foster, A. L. Ottawa  *Foster, Stephen Sewell Fourney, F. W. Montreal Fowler, E. S. Hudson, Wis. Fox, A. C. L. (Ret.) Winnipeg, Man. Fox, C. H. Vandalia, Michigan Fraleigh, William S. 379 Manning Ave., Toronto Francis, B. Sydney Mines, N.S. Fraser, A. D. 6860 Halsted St., Chicago, III.  Fraser, F. C., B.A. Montreal  *Fraser, H. D. Fraser, H. B. B.A. Montreal	1893 1891 1895 1898 1878 1873 1845 1896 1897 1897 1896 1898 1895 1899 1896 1898 1881 1896
Flemming, G. W. Petitcodiac, N.B. Fletcher, R. W. 281 W. Broadway, Boston, Mass.  Flinn, J. W. Kingman, Arizona. Forbes, A. M. T. Montreal Fortier, L. A.  *Fortune, Louis M.  *Fortin, Pierre Foss, A. F. Sherbrooke, Q. Foster, G. M. Greenwood, B.C. Foster, Stephen Sewell Fourney, F. W. Montreal Fowler, E. S. Hudson, Wis. Fox, A. C. L. (Ret.) Winnipeg, Man. Fox, C. H. Vandalia, Michigan Francis, B. Sydney Mines, N.S. Fraser, A. D. 6860 Halsted St., Chicago, Ill. Fraser, F. C., B.A. Montreal *Fraser, H. D. Fraser, H. B. B.A. Montreal Fraser, Alex. C. Ma,nitowoc, Wis.	1893 1891 1895 1898 1878 1873 1845 1896 1897 1846 1900 1894 1898 1895 1896 1899 1896 1898 1896 1898
Flemming, G. W. Petitcodiac, N.B. Petitcher, R. W. 281 W. Broadway, Boston, Mass.  Flinn, J. W. Kingman, Arizona. Forbes, A. M. T. Montreal Fortier, L. A. *Fortune, Louis M. *Fortin, Pierre Foss, A. F. Sherbrooke, Q. Foster, G. M. Greenwood, B.C. Foster, A. L. Ottawa  *Foster, Stephen Sewell Fourney, F. W. Montreal Fowler, E. S. Hudson, Wis. Fox, A. C. L. (Ret.) Winnipeg, Man. Fox, C. H. Vandalia, Michigan Fraleigh, William S. 379 Manning Ave., Toronto Francis, B. Sydney Mines, N.S. Fraser, A. D. 6860 Halsted St., Chicago, Ill. Fraser, F. C., B.A. Montreal	1893 1891 1895 1898 1878 1873 1845 1896 1897 1846 1900 1894 1898 1895 1896 1899 1896 1898 1896 1898

Fraser, William H La Salle, Ill 1	
Fraser, Donald M La Salle, Ill	1867
Fraser Donald	1869
Fraser, J. R	868
Fraser T M	878
Wentworth Avenue	.010
Freeman C H D A Cincago	887
Freeman C M	900
Fritz. H. D. B.A. Sable Island. N.S.	871
Fry. F. M. R.A St. John, N.B.	888
Fry, F. M., B.A. St. John, N.B. St.	
Fuller, W	894
Fuller, G. F. LeRoy Grand Rapids, Mich	866
Fuller, H. LeRoy, B.A Sweetsham C	
Fuller, H. LeRoy, B.A Sweetsburg, Q 18 Fulton, J. H	899
Fulton, J. A. Sweetsburg, Q. 18 Fulton, J. A. Montreal 18	370
	863
7- 11 Centre, Q 18	394
Gadbois, F. A Sherbrooke, Q	
Galbraith, W. S. Sherbrooke, Q. 18 Gale, Hugh Lethbridge, N.W.T. 18	398
Gale, Hugh Lethbridge, N.W.T. 18 Gallant, St. C. J. Bay City, Mich. 18	99
Gallant, St. C. J. Bay City, Mich. 18 *Garvey, Joseph Charlottetown, P.E.I. 18	82
*Garvey, Joseph Charlottetown, P.E.I. 18 Gardner, H. H. San Francis 18	95
Gardner, H. H.	52
Gardner, John J. San Francisco, Cal 18	78
Gardner, Matthew Chief G 18	83
Chief Surgeon, S.P.R.R. Co.	
Wells, Fargo & Co. Bldg.,	
Gardner, William San Francisco, Cal 187	71
Gardner, William San Francisco, Cal. 187 Gardner, A. W. Montreal 186 Gairdner, T. M. Montreal 188	67
Gairdner, T. M. 188	37
Garrow, A E 188	
*Gascoigne, Geo E	39
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*Gauvreau. Elzear 187	3
*Gauvreau, Elzear Hamilton, O 187 *Gauvreau, Lewis H 185	
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Gendron, Thomas	
*Gernon, George W	
*Gibb, George D	
*Gibson, John B	
Gibson, W. B. Burlington, Vt. 1858 *Gibson, Edward R Burlington, Vt. 1878	
*Gibson, Edward B	
Gilday, A. L. C. B.A. 1875	
Gilday, F. W	
Gillies, B. W. D	
Gillis, E. G	
1859	

Montreal	865
Girdwood, Gilbert P	898
Cladman E A	886
Cladman G. J	
	1895
11.11	1858
	1892
	1844
*Godfrey, Robert Freemantle, Southampton,	1011
	1865
Godfrey, Abraham C Eng	1861
Holvoke, Mass	1893
	1875
	1863
	1000
Goforth, Franklin	1896
St Philin Barbadoes, W.I.	1884
	1000
	1888
St John N.B	1899
	1881
Gordon, G. S	1897
Gordon, Robert Arlington, Ill	1868
	1863
*Gordon, W. W Ashton, O	1890
Gorrell, C. W. F Ottawa,	1894
	1897
Grace, N	1898
	1891
*Grace, N *Grafton, E. A	1865
*Grafton, E. A	
Graham, Charles E	1884
	1863
*Graham, Henry	1875
	1886
	1892
Graham W. C. R Prescott, O	
Grant, A. J Emerdale, Haddingtonshire Scotland.	1896
Scotland	1892
	1863
*Grant wonald J	
Grant, D Bourne, Oreg., U.S.A	1854
Grant Sir James A Ottawa	
Grant, James A., Jr., B.A Ottawa	
*Grant. William	
Grant. J. H. Y Bunalo, N.I	
Grant. J. P New Glasgow, N.S	
Grav C. F. A Montreal	1900
Grant B D BA Montreal	
Gray John S Winnipeg, Man	. 1876
Crow Thomas St. Mary's, O	. 1010
Cray James Helana, Mont	. 1000
Cray W I Pembroke, O	. 1001
Greaves Henry C Barbadoes, W.I	. Toll
Greenwood, F. S St. Catharines, O	. 1878

Gustin, Smith Bay City, Mich.  *Gustin, Wm. Claud  Haentschel, C. W. Mattawa, O.  *Hagarty, D. M. J.  Haight, M. New Durham, O.  Haldimand, A. W. Montreal  *Hall, Archibald (ad eun.)  Hall, A. R. Washington, O.  *Hall, James B.  *Hall, J. W.  Hall, A. G. Ormstown, Q.  Hall, W. Walkerton, O.  Hall, M. K. Balning Ormstown, V. St.	1898 1899 1876 1863 1879 1886 1879 1879 1888 1893 1897 1879 1885 1868 1893 1888 1893 1888 1893 1888 1893 1888 1893 1888
Greene, T. J. Greer, T. A.  *Grenier, L. P. A.  Groves, George H. Guerin, James J. E.  *Guerin, James J. E.  *Gun, James Durham, O. Gun, A.  Gunn, N. D.  Gunter, F. B., B.A.  *Gurd, C. C., B.A.  Gurd, David F.  Gustin, Smith  *Gustin, Wm. Claud  Haentschel, C. W.  *Halght, M.  Haldimand, A. W.  *Hall, A. R.  *Hall, James B.  *Hall, J. W.  Hall, M.  Hall, A. G.  Hall, M.  Ha	1896 1890 1876 1863 1879 1886 1873 1861 1895 1888 1893 1897 1879 1885 1863 1888 1893 1888 1893 1888 1893 1888 1893
Greer, T. A.  *Grenier, L. P. A.  Groves, George H.  Guerin, James J. E.  *Guest, Thomas F.  Gun, James  Gun, A.  Gun, A.  Gunter, F. B., B.A.  Gurd, C. C., B.A.  Gurd, David F.  Gustin, Smith  *Gustin, Wm. Claud  Haentschel, C. W.  *Hagarty, D. M. J.  Hald, A. R.  *Hall, James B.  *Hall, J. W.  Hall, M.  Hall, A. G.  Hall, M.  Hall,	1890 1876 1863 1879 1886 1879 1886 1893 1893 1893 1889 1889 1888 1893 1888 1893 1888 1893 1888 1893
*Grenier, L. P. A. Groves, George H. Groves, W. Guerin, James J. E.  *Guest, Thomas F. Gun, James Gun, A.  Gun, A.  Gunn, N. D.  Gunter, F. B., B.A.  Gurd, C. C., B.A.  Gurd, David F.  Gustin, Smith  *Gustin, Wm. Claud  Haentschel, C. W.  *Hagarty, D. M. J.  Haight, M.  Hall, A. R.  *Hall, James B.  *Hall, W.  Hall, W.  Hall, M.  Hall	1876 1863 1879 1886 1878 1873 1861 1895 1888 1897 1879 1885 1863 1888 1888 1888 1888 1893 1866 1888
Groves, George H. Carp, O. Groves, W. Quyon, Q. Guerin, James J. E. Montreal  *Guest, Thomas F. Durham, O. Gun, A. Woodstock, O. Montreal  Gunn, N. D. Montreal  Gurd, C. C., B.A. Montreal  Gurd, David F. Johnshim Bay City, Mich.  *Gustin, Smith Bay City, Mich.  *Gustin, Wm. Claud  Haentschel, C. W. Mattawa, O. Hagarty, D. M. J. Haight, M. New Durham, O. Montreal  Hall, A. R. Washington, O. Montreal  *Hall, James B. Washington, O. Mall, W. Hall, A. G. Ormstown, Q. Hall, W. Hall, M. K. Palning Ormstown, V. Galagier, O. Mattawa, O. Mattawa, O. Mattawa, O. Montreal	1863 1879 1886 1878 1873 1861 1895 1888 1893 1897 1875 1863 1888 1888 1888 1893 1888 1888 1893 1888 1893 1888
Groves, George H. Carp, O. Groves, W. Quyon, Q. Guerin, James J. E. Montreal  *Guest, Thomas F. Durham, O. Gun, A. Woodstock, O. Montreal  Gunn, N. D. Montreal  Gurd, C. C., B.A. Montreal  Gurd, David F. Johnshim Bay City, Mich.  *Gustin, Smith Bay City, Mich.  *Gustin, Wm. Claud  Haentschel, C. W. Mattawa, O. Hagarty, D. M. J. Haight, M. New Durham, O. Montreal  Hall, A. R. Washington, O. Montreal  *Hall, James B. Washington, O. Mall, W. Hall, A. G. Ormstown, Q. Hall, W. Hall, M. K. Palning Ormstown, V. Galagier, O. Mattawa, O. Mattawa, O. Mattawa, O. Montreal	1879 1886 1878 1873 1861 1895 1888 1897 1879 1885 1863 1888 1893 1888 1888 1893 1888 1893 1888 1896 1886
Groves, W. Quyon, Q. Guerin, James J. E. Montreal  *Guest, Thomas F. Durham, O. Gun, A. Woodstock, O. Montreal Gunn, N. D. Montreal Gunter, F. B., B.A. 274 Chesnut St., Chelsea, Mass. Mass. Gurd, C. C., B.A. Montreal Gurd, David F. Aontreal Gustin, Smith Bay City, Mich.  *Gustin, Wm. Claud  Haentschel, C. W. Mattawa, O.  *Hagarty, D. M. J. Haight, M. New Durham, O. Haldimand, A. W. Montreal  *Hall, Archibald (ad eun.) Hall, A. R. Washington, O.  *Hall, J. W. Hall, J. W. Hall, W. Walkerton, O. Hall, M. K. Paining Organs Montreal	1886 1878 1873 1861 1895 1888 1893 1897 1879 1885 1863 1888 1893 1888 1893 1888 1893 1888 1893 1886
Guerin, James J. E. Montreal  *Guest, Thomas F. Gun, James Durham, O. Gun, A. Woodstock, O. Gunn, N. D. Montreal Gunter, F. B., B.A. 274 Chesnut St., Chelsea, Mass. Gurd, C. C., B.A. Montreal Gurd, David F. Jontreal Gustin, Smith Bay City, Mich.  *Gustin, Wm. Claud  Haentschel, C. W. Mattawa, O.  *Hagarty, D. M. J. Haight, M. New Durham, O. Haldimand, A. W. Montreal  *Hall, Archibald (ad eun.) Hall, A. R. Washington, O.  *Hall, J. W. Hall, J. W. Hall, W. Walkerton, O. Hall, M. K. Pajnigro Orean Montreal	1878 1873 1861 1895 1888 1893 1897 1879 1885 1863 1888 1888 1893 1888 1843 1900 1866
*Guest, Thomas F.  Gun, James Durham, O.  Gun, A. Woodstock, O.  Gunn, N. D. Montreal  Gunter, F. B., B.A. 274 Chesnut St., Chelsea,  Mass.  Gurd, C. C., B.A. Montreal  Gurd, David F. Jontreal  Gustin, Smith Bay City, Mich.  *Gustin, Wm. Claud  Haentschel, C. W. Mattawa, O.  *Hagarty, D. M. J.  Haight, M. New Durham, O.  Haldimand, A. W. Montreal  *Hall, Archibald (ad eun.)  Hall, A. R. Washington, O.  *Hall, J. W.  Hall, J. W.  Hall, M. Ormstown, Q.  Hall, M. R.  Walkerton, O.  Hall, M. K.	1878 1873 1861 1895 1888 1893 1897 1879 1885 1863 1888 1888 1893 1888 1843 1900 1866
Gun, James Durham, O. Gun, A. Woodstock, O. Gunn, N. D. Montreal Gunter, F. B., B.A. 274 Chesnut St., Chelsea, Mass. Gurd, C. C., B.A. Montreal Gurd, David F. John Bay City, Mich. *Gustin, Smith Bay City, Mich. *Gustin, Wm. Claud  Haentschel, C. W. Mattawa, O. *Hagarty, D. M. J. Haight, M. New Durham, O. Haldimand, A. W. Montreal *Hall, Archibald (ad eun.) Hall, A. R. Washington, O. *Hall, J. W. Hall, J. W. Hall, A. G. Ormstown, Q. Hall, W. Walkerton, O. Hall, M. K. Bajnier Ormstown Montreal	1873 1861 1895 1888 1897 1879 1879 1885 1863 1888 1888 1888 1888 1888 1888 1888
Gun, A	1861 1895 1888 1893 1897 1879 1885 1863 1888 1893 1888 1843 1900 1866
Gunn, N. D	1895 1888 1893 1897 1879 1885 1863 1888 1868 1893 1888 1843 1900 1866
Gunter, F. B., B.A.  Gurd, C. C., B.A.  Gurd, David F.  Gustin, Smith  *Gustin, Wm. Claud  Haentschel, C. W.  Hagarty, D. M. J.  Haldimand, A. W.  Hall, Archibald (ad eun.)  Hall, A. R.  *Hall, James B.  Hall, W.  Hall, W.  Hall, M.  Hall, W.  Hall, M.  Walkerton, O.  Hanging Ormes M. G.  Whattawa, O.  Mattawa, O.  Mattawa, O.  Mattawa, O.  Washington, O.  Washington, O.	1888 1893 1897 1879 1885 1863 1888 1893 1888 1843 1900 1866
Gurd, C. C., B.A. Montreal Gurd, David F. Jontreal Gustin, Smith Bay City, Mich.  *Gustin, Wm. Claud  Haentschel, C. W. Mattawa, O.  *Hagarty, D. M. J. New Durham, O. Haldimand, A. W. Montreal  *Hall, Archibald (ad eun.) Hall, A. R. Washington, O.  *Hall, J. W. Hall, J. W. Hall, W. Walkerton, O. Hall, M. K. Bajnigro Organs Montreal  *Hall, M. K.	1893 1897 1879 1885 1863 1888 1888 1893 1888 1843 1900 1866
Gurd, C. C., B.A. Montreal Gurd, David F. Montreal Gustin, Smith Bay City, Mich.  *Gustin, Wm. Claud  Haentschel, C. W. Mattawa, O.  *Hagarty, D. M. J. Haight, M. New Durham, O.  Haldimand, A. W. Montreal  *Hall, Archibald (ad eun.) Hall, A. R. Washington, O.  *Hall, J. W. Hall, A. G. Ormstown, Q. Hall, W. Walkerton, O.  Hall, M. K. Bajnigro Organs M. G.	1897 1879 1885 1863 1888 1868 1893 1888 1843 1900 1866
Gurd, David F. Gustin, Smith  Gustin, Smith  Gustin, Wm. Claud  Haentschel, C. W.  Hagarty, D. M. J.  Haight, M.  Haldimand, A. W.  Hall, Archibald (ad eun.)  Hall, A. R.  Washington, O.  Hall, J. W.  Hall, W.  Hall, W.  Hall, M. K.  Palnigro Organs M. G.  Wontreal  Washington, O.  Hall, W.  Hall, M. K.  Palnigro Organs M. G.	1897 1879 1885 1863 1888 1868 1893 1888 1843 1900 1866
Gustin, Smith Bay City, Mich.  *Gustin, Wm. Claud  Haentschel, C. W. Mattawa, O  *Hagarty, D. M. J.  Haight, M. New Durham, O.  Haldimand, A. W. Montreal  *Hall, Archibald (ad eun.)  Hall, A. R. Washington, O  *Hall, J. W.  Hall, A. G. Ormstown, Q.  Hall, W. Walkerton, O.  Hall, M. K. Baining Ormstown M. G.	1879 1885 1863 1888 1893 1888 1843 1900 1866
*Gustin, Wm. Claud  Haentschel, C. W. Mattawa, O.  *Hagarty, D. M. J.  Haight, M. New Durham, O.  Haldimand, A. W. Montreal  *Hall, Archibald (ad eun.)  Hall, A. R. Washington, O.  *Hall, J. W.  Hall, A. G. Ormstown, Q.  Hall, W. Walkerton, O.  Hall, M. K. Pajnigro Organo M. G.	1885 1863 1888 1868 1893 1888 1843 1900 1866
Haentschel, C. W. Mattawa, O. *Hagarty, D. M. J. New Durham, O. Haldimand, A. W. Montreal *Hall, Archibald (ad eun.) Hall, A. R. Washington, O. *Hall, James B. *Hall, J. W. Hall, A. G. Ormstown, Q. Hall, W. Walkerton, O. Hall, M. K. Pajnigo Organization	1863 1888 1868 1893 1888 1843 1900 1866
Haentschel, C. W.  *Hagarty, D. M. J.  Haight, M.  Haldimand, A. W.  *Hall, Archibald (ad eun.)  Hall, A. R.  *Hall, James B.  *Hall, J. W.  Hall, A. G.  Hall, W.  Hall, W.  Hall, M. K.  *Bajnier Organs W. S.	1888 1868 1893 1888 1843 1900
Haight, M.  Haldimand, A. W.  *Hall, Archibald (ad eun.)  Hall, A. R.  *Hall, James B.  *Hall, J. W.  Hall, A. G.  Hall, W.  Hall, M. K.  Painier Organ M. G.  Particle M. G.  Palnier Organ M. G.	1868 1893 1888 1843 1900 1866
Haight, M.  Haldimand, A. W.  *Hall, Archibald (ad eun.)  Hall, A. R.  *Hall, James B.  *Hall, J. W.  Hall, A. G.  Hall, W.  Hall, M. K.  Painier Organ M. G.  Particle M. G.  Palnier Organ M. G.	1868 1893 1888 1843 1900 1866
Haldimand, A. W.  *Hall, Archibald (ad eun.).  Hall, A. R.  *Hall, James B.  *Hall, J. W.  Hall, A. G.  Hall, W.  Hall, W.  Hall, W.  Hall, M. K.  *Balniar Ormstown, Q.  *Ball, W.  *Balniar Ormstown, O.  *Ball, W.  *Balniar Ormstown, V. C.	1893 1888 1843 1900 1866
*Hall, Archibald (ad eun.).  Hall, A. R.  *Hall, James B.  *Hall, J. W.  Hall, A. G.  Hall, W.  Hall, W.  Hall, M. K.  Paining Ormstown, Q.  Walkerton, O.  Paining Ormstown, V. C.	1888 1843 1900 1866
Hall, A. R	1843 1900 1866
Hall, A. R	1900
*Hall, James B  *Hall, J. W  Hall, A. G  Hall, W  Walkerton, O  Hall, M. K  *Rainiar Oroman M.C.	1866
*Hall, J. W.  Hall, A. G.  Hall, W.  Hall, W.  Walkerton, O.  Hall, M. K.  Painion Oromon M. G.	1866
Hall, A. G Ormstown, Q	
Hall, W	
Hall, M. K	887
Painion Oneman Trat	887
	893
Waymouth Daid - ara	885
Poterboro'	866
ramay, vernon St. C.	892
Literici, Joseph A.,	
Literature, A. II	856
Trainition, G	887
Hammiton, Andrew W	894
	859
IIdillillon, H. D. B.A. Montreel	868
Dalling John R Bont Day	890
	871
	361
Hamilton, R	391
Hammond I H	395
Hammond, J. H	369
Liama, A. E Perth ()	885
Hanna, Franklin Pertn, O 18	79
Hannington, J. P Montreal 18	94
Hammington, E. B. C Victoria P.C.	75
Hallover, William Delayon Wig Trox	75
nanvey, C. B. H Tampica Mevico	
Harkin, Henry Queen St. North, Liver-	
nool Eng	67
riarding, E. S Montreal	
Harding, F. W	97

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Harkin, F. McD Marquette, Mich	1885
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pool, Eng	1867
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Harrison, David H	1891
Harrison, H. J	1879
Harrison, J. D., M.A Prescott, U	1835
St Martinville, La	1864
Neenawa, Manitoba	1894
Victoria, B.C	1896
Kaslo, B.C	
Wolfville, N.S	1897
Ahercorn, Q	1898
Harriston O	1874
Cor. Vave & Broadway,	
Troy N.Y	1881
Pincher Creek, Alta	1895
Charlottetown, P.E.I	1900
Hosp for Insane, Halifax,	
Hattie, W. H	1891
Hawkins, A. C	1885
	1881
	1897
	1866
Hayes, James Simcoa, O	1890
Hayes, John Nelson N.B.	1891
Hayes, J., B.A Nelson, N.B	1892
Hayes, P. J Nelson, N.B	
Haythorne, T. J., B.A Glen Avon, Monmouthshire Eng.	1886
Movember	. 1896
Healey, D. J	. 1880
Heard, C. DeW Keelby, Eng	. 1873
Hebert, P. Zotique	
Henderson, Alex. A	. 1870
Ottawa	. 1874
*Henderson, E. G	
*Henderson, Peter A. M	+000
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Henderson, J. A Montreal	. 1894
Henderson, W	. 1900
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*ITanny Walter I	. 1883
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Hanwood Alfred I Brantford, O	
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Wetherington Harry Hatley, Q	1012
*Hewitt, J	1000

Hewetson, J Johns Hopkins Hos., Balti-	
Hewetson, S. W	1891
	1893
*Hickey, Samuel A., B.A  Hiebert, G.	1866
Hiebert, G Mountain Lake, Minn	1874
	1900
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Hill, W. H. P	1881
	1900
Hingston, Hon. Sir W. H Montreal	1873
Hoare, C. W.	1851
Hockridge, Thos. G	1888
Hogan, E. V., B.A	1874
	1896
*Hogg, L., B.A. London, O. London	1892
Hogle, J. H Quesnelle, B.C.	1895
*Holden, D. B., B.A	1895
*Holmes, Andrew F. (ad eun.)  Holmes, A D.	1891
	1843
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*Holwen, John *Hopkins, F. A.	1894
*Hopkins, F. A Hopkins, Alfred J.	1868
	1889
Hopkins, H. J	1883
	1888
Houston, J. C	1881
*Howard, James New Glasgow, P.E.I *Howard, Robert	1898
*Howard, Robert*Howard, R. Palmer	1867
*Howard, R. Palmer.  Howard, R. J. R. R. A. T.	1872
Howard, R. J. B., B.A London, Eng	1848
*Howden, Robert	1882
Howell, W. B Montreal	1857
Howey, W. H	1896
Howitt, Wm. H. Sudbury, O. Howland, Francis L.	1878
Howland, Francis L	1870
Hubbard, O H Needham, Mass	1867
*Hubert, P. T Neednam, Mass	888
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*Ienkins. W. E	890
Jento, C. P London, Ont	884
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Johnson, J. B Spring validy, all and	1887
Johnson, J. W Gananoque, O	1871
Johnson, Thomas G Sarma, O	1897
Johnston, W	1884
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Johnston, F. E. L Delaware, O	1897
Johnston, J. C	1867
too Till Avo New York	0.10
Jones, D. C	1899
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Jones, F. B Montreal	1874
Tones Charles R Hatley, Q	1874
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Jones, H. A., B.A Moncton, N.B	

*Jones, Thomas W. (ad eun.)
*Jones, Jonathan C. Jones, Wm. Justus
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Josephs G E
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Kannary, E. Lee PA
Kearney, W. J Mariposa, California 1900
Kearns, J. F.
Keating, B. H
Reating, H. I. T.
Kee. D. N
Keefer, Wm. N., B.A
Surgeon-Major Rengal
Keeler, Thomas 1960
Keenan, C. B. 1859
Keith, H. W.
Kain D T
St., E. Boston.
Kelly, Clinton Wayne
Kelly, Patrick N
*Kelly, Wm
Kelly, Thos.
Waller T
W. St., S. Omaha,
Kelly, J. K
Kelly, C. I
Kemp, H. D. 1801
Kemp, H C 1990
*Kempt, William
*Kempt, William
*Kennedy, Richard A
Kennedy, R. A., B.A Ottawa
Kennedy, J. H
Renney, F. L. RA
Kenney, F. L., B.A. St. John, N.B. 1888 Kerr, N
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Kirknatrick H. A Hallian, 11.D.	1888
*Wirkpatrick A	1856
*Wittson Tohn G	1869
Kittson, Edmund G Windsor, N.S	1873
Klock, Robert H Shawville, Q	1882
	1885
Knapp, H. T., B.A Sackville, N.B	1895
*Knowles, James A	1866
*Kollmyer, Alex. H	1856
Konmyer, Alex. 11	
Laberge Ed St. Philomene, Q	1856
Laberge, Ed	1887
Hacitor of ,	1887
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Laidley, I. H Lachine, Q	1897
Laing, A. L Montreal	1898
Lamb, J. A Sand Coulee, Mont., U.S.A.	1891
Lambert, E. M East Orange, N.J	1894
Lambly, W. O Knowlton, Q	
Lambly, W. D Inverness, Q	1896
Landor, Thomas H Canton, Ohio	1884
Lane, John A Mallorytown, O	1877
Lang, A. A. J Sanbourn, N.D., U.S.A	1898
Lang, C. L Mallorytown, O	1876
Lang, W. A Bisbee, Ariz., U.S.A	1881
*Lang. Thomas D	1866
Lang, W. M Marysville, Mich	1888
Lang. F. W Marine City, Mich	1892
Langley, A. F Victoria, B.C	1892
Langlois O. X Amherstburg, O	1875
*Langrell Richard T	1875
*Larocque, A. B	1847
Lathern I S	1883
Lauder, S. E Prospect Street, Cleve-	
land, Ohio	1896
Laurin, Edgar J Butte City, Mon., U.S.A	1881
Lautermam. M Montreal	1895
Law, D. W. C Bond Head, O	1863
Law, Robt Ottawa	1899
Taw William K Coleraine, Irel	1877
Lawford, John B 88 Harley St., Cavendish	
Sq., London, W	1879
*Lawrence, Henry G. H	1862
Lawrence, J. W 234 Main St., Malden, Mass.	1893
Leavitt, Julius Melbourne, Q	1866
Leclerc, George Montreal	1851
*Leclair, Napoleon	1861
*Lee, James C	
*Lee, John Rolph	1848
Tee F J Port Hope, O	1896
Lefebvre, John M Yancouver, B.C.	1879
*Torquit D	1866
Tomoine C St. Pierre, Isle d'Orleans	. 1850
Lemon, H., B.A Montreal	. 1897
Lepailleur, Leonard	. 1848
Lepameur, Leonard	

*Leprohon, John L	
Leslie, A. C	1843
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Levi Ruhen	1896
Levi, Ruben	1897
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Lindsay, W Montpelier, Vt., U.S.A	1361
	1893
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	1862
	1879
Lockery, J. L	1900
	1897
Loeb, A. A	1872
*Logan, David D	1899
	1842
Logie, A. E	1880
*Logie, Wm Chatham, N.B	1899
*Lorge, Wm	1833
Long, C. B Whitehall, N.Y	1844
	1898
Long, C. H	1888
Longbre, Pierre F	1866
	1848
Loring, J. Brown 80 Park Ave., Chicago, Ill.	1883
	1850
	1870
Loucks, W. F	1887
Love R H	1891
Love, R. H	1899
*Lovering, W. T Falls City, Wash Terr	1855
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Lovett, William Ayr, O	1870
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1 amphalltones at D	1881
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*Lynch, D. P	1896
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Lyster, H. F	1897
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Maas, Rudolph J Hamock, Mich	1880
MacCarthy, G. S	1894
Gaspe Basin, Q	1896
St. John, N.B	1898
River Dennis, N.S.	1896
Macaulay, H. R	1898
	1897

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MacDonald, Angus St. Paul, Minn	1863
are a 13 Colin	1853
Sutton, Q	1881
Kalispell, Mont	1887
Whycocomagn, C.B	1897
Macdonald J. S	1000
ton, Mass	1899
Macdonald, M. S	1890
Tr. Denald Poderick	1834
1 Dodonick Aeness Diviley Mountain, Man	1874
The Bonnell P. L. B.A	1876
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Tomog	1869
MacIntosh Robert Rapid City, N.W.I.	1863
- Torrige Amnerstburg, O	1866
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TGronto	1899
To A T Portlang, Oregon	1881
Sarina, U	1867
Maclean J. N Milliden City, Mich.	1898
MacLeay, A. A., B.A Danville, Q	1895 1888
MacMartin, D. R Chicago, In	1870
*Macnabh Francis A. L	1883
MacNeill, Alex Kensington, F.E.I.	1896
Machherson, D Montreal	1896
MacTaggart, D. D., B.A Montreal	1898
McAllister, D. H., B.A Belle Isle, N.B	1999
Moderation Robert D 414 Deanborn Ave., Offices,	1867
111	1879
McArthur, John A Winnipeg, Man	1885
McArthur, J winnipeg, Man	1893
McArtour A. D Littleton, Colo	1896
McArthur, A. W Williamstown, C	1900
McAuley, A. G ventor, O	1874
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Wich allum, Duncher	
McCann, A. E. A	1892
	1878
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W.C. OHIDE, J	1872
	1873
	1900
McConnell, R. E., B.A Montreal	1864
*McCord John D	1882
	1885
McCormack, N	1874
*McCormick, Andrew G	2001
McCrea, J Fulda, Minn	

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McCrimmon, Donald A Lucknow, O.	
McCrimmon, John Kincardine O	1869
McCrimon	1000
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*McCullough a Westworth Av Chicago	0 1000
*McCullough 35:	10-0
McCuller (Hon.)	1879
McCully, Oscar J. M. A Baie Verte, N.B	
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mccuruy, T.	1866
McDerinia, Wm E	1889
McDiarmid, Donald	1875
McDiarmid James	1857
McDiarmid, John D	1873
McDiarmid, W. B	1847
McDonald, A. R.	1900
McDonald, Alex. Boyd, Wis. McDonald, H. J. Paisley, O. Boyd, Wis.	1882
McDonald, H. J.	1883
McDonald, H. K	1885
McDonald, John A	1896
*McDonald Jos D A Montreal	1880
*McDonald, Jos. D. A. Montreal	1873
Morrow 17	1880
McDonald, H. N	1889
McDonald G	1889
McDonald B	1889
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McDonald, D. D	1887
* · · · · · · · · · · · · · · · · · · ·	1900
*McDonell, Aeneas	1849
	1888
McDonnell, Alex. R	
McDonnell, Angus C	1874
McDougall, A	1852
McDougall, Peter A	1900
inclougall. Peter A	1864
McDougall, D S	1847
mcDougail († P	1888
inclougan, J. (†	1897
McEachran, W	1897
McElroy, A. S	1880
McEwen, D.	1897
TOTAL FINGIST	1896
TOTAL WEIL, H.	1870
TICESOWII, F.	1889
ariane. W A	1890
Acciannon. H. A	1888
McGanner 1	1881
McCons Brockville, O	1896
McGannar Nashville, Tenn	1885
	1886
McCooch Niagara Falls, South O	1858
McGeachy, William Iona, O	1867
- William	848

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*McGillivray, Donald	867
McGowan, Henry W Knowlton, Q	1849
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*McGregor, Duncan	1879
McGuigan, W. J Vancouver, B.C	1873
*McGuire, Bernard D	1891
McGuire, J. C Trenton, O	1876
McIlmoyl, Henry A Ogdensburg, N.I	
McInerney, James P St. John, N.B	1884 1865
McInnes, Walter, J Vittoria, O	1859
*McIntosh, James	1894
McIntosh, L. Y Apple Hill, O	1870
McIntosh, Donald J Vankleek Hill, O	1889
McIntosh, D. H Carleton Place, O	1899
McIntyre, J. D Clifton, P.E.I	
Charlottetown, F.E.I	1867
McKelcan, George Lloyd Hamilton, O	1860 1893
McKenzie, S. R Montreal	
McKenzie, J. T Rossland, B.C	1884
Montreal	1892
Transic P E BA	1880
Dudswell, Q	1894
New Glasgow, N.S	1890
Woodville. U	1869
Big Timber, Montana	1899
Collettand, U	1854
PRETTON T M	1886
McKay, D. T Clifton, P.E.I	1892
Mallow P R RA Manotick, O	1893
Tredericton, N.D	1900
17 Pine St., Waltham, Mass.	1892
*McWarshar H	1889
McKechnie, R. E Nanaimo, B.C	1890
Marguette, Man	1899
McKee C I Compton Centre, Q	1890
Bristol. Q	1878
McKinnon, A. I Havelock, Nebraska	1892
Wankleek Hill, O	1897
McKinnon, H Ashland, Wis	1887
McKinnon G W Arcata, Calif	1888
McKinnon, T. H Liverpool, N.S	1899
McKinnon, N	1895
*Af T anon Dotor	1869
McLaren, Peter Paisley, O	1861
Moleran Peter Ormstown, Q	1872
*McI aren J. T	1894
McLaren, D. C., B.A	1880
McLaren, R. W St. Raphaels, O	1898
McLaughlan, J. A Medical Block, Minneapolis,	1004
Minn	1894
*McLean, Alexander	1860
McLean, C. M Sussex, N.B	1894
McLean, J. R., B.A Sault Ste. Marie, Ont	1898
McLean, J. W N. Sydney, C.B., N.S	1883

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McLean, Thos. N Fergus Falls, Minn	
	1882
McLellan, A. A	1884
McLellan, A. A.	1889
*McLellan, A. C Castle Rock, Col	1897
McLennan, D. A	1890
McLellan, Jas. H	1897
McLennan, D.	1884
McLennan, K.	1888
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McLeod, Arch B A	1898
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Weller Tra	1873
	1898
McMartin, D. R.	1890
	1888
McMicking, George	1885
	1851
McMillan, Louis J. A Mansonville, Q	1874
McMillan, John	1860
McMillan, G. A	1857
*McMillan, J. H	1890
McMillan, W	1891
McMorrine, R. F	1893
	1893
	1841
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McNally, G. J Bath, N.B	1899
McNally, H. H.	1895
McNally, W. P	1892
Joik St., Bangor, Me.	
*McNaughton, E. P	1897
	1834
Latitude, James	1899
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Montrool	1880
Morganotte Mr.	1891
*McRae, George	1874
Tennevic ()	1876
McRae, W. R Baddeck CP	1897
McSorley, H. S. Endenby, B.G.	1897
McTaggart, Alexander London O	1900
McVean, John M.	1869
Madill, John	1865
Mader, A. I.	1867
Maher, J. J. E	1891
Main, C. G	1883
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*Malloch, William B	
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O., U.S.A 1	896
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1085 Main St., Wolcester,	002
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Mattice, Rich. I	1019
164 Huntington Ave., Bos	1899
ton, Mass	1894
Mathewson, G H, B.A	1871
*Mathieson, John H St. Mary S, C.	1889
Widthickor, C. C.	1870
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wall Eng.	1895
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S.W., Eng	1860
20 W. 43rd St., New York	1875
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Melkle, W. Lachute, Q	1879
Menzies, Whence I B	1842
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Franklin St., Buffalo	
Mewburn, F. H.	1888
Mewburn, F. H Lethbridge, N.W.T	1881
Mignault Henri	
	1860
Microsoft T = Peterborough, O.	1897
*Miller, R. *Miller, R.	1880
	1870
Mills, Thos. W., M.A Montreal	1878
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Miner, Frank L	1877
*Mines, W	1874
Mitchell, Fred. H Delaware, O	1871
Mitchell, R. W., M.A Montreal	1896
Mitchell, W	1894
Palmerston Villas, Rath-	
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Moffatt, W. A	1896
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Moles, E. B	1896
Molson, Wm. A	1874
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Moone Cl	1898
	1874
Moore Joseph	1874
*Woons Till	1852
o, Inchard	1853
*Moore, Robert C	1869
*Moore, William	1881
Cottage Grove Ave.	
Morehouse O. F Chicago, Ill	1893
Morehouse, O. E	1889.
Morgan, V. H	
Morphy, A. G Lachine, Q	1887
	1890
Morris, C. H., B.A	1897
Morris, T. E Vernon, B.C St. John, N.B	1890
Morrison, A. S	1899
	1900
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Worrigon T MA	1900
	1872
Morrow, C Metcalfe, O	1888
Morrow, J. J Fergus, O	1900
Morgo T II D A	1891
Morse, L. R., B.A	1897
Mount John W Lawrencetown, N.S	1896
Mount, John W	1851
	1889
Mowatt, W., B.A Walhalla, N.D.	1896

Muirhead, D. A Carleton Place, O	1889
Mulligan E. A Maniwaki, Q	1890
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Munro, James T Maxville, O	1872
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Midiful, Citation and	1886
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	1900
Murray, L. W	1890
Murray, M. W	
*Musgrove, W. J	1882
Mussen A T Lachine, Q	1900
Myers, D. A Prentiss, Wis	1898
	1899
Nash, A. C Ogdensburg, N.Y	
Inverness, Q	1892
Avimer, Q	1895
Winnipeg, Man	1878
Nollog T M Canton, Ill	1875
Nollog John A London, U	1850
* Wolson Horace	1861
*Nolson Wolfred (Hon)	1848
Nelson, Wolfred D. E Astor, House, New York,	
Nelson, Wonfed B. E	1884
*Nelson, W. M. F Syracuse, N.Y	1884
Nelson, W. M. F	
Nesbitt, Jas. A Lake City, Utah	1868
	1872
Nicol, Wm. R	1862
*Nicholls, Chas. R	1894
Nicholls, A. G., M.A Montreal	1899
Nicholson, F. J., B.A White Horse, Yukon Terr	1890
Noble, C. T Sutton West, O	
Norton Thomas Shelburne, O	1874
Norman, T. J King, O	1887
	1877
Occidency; " and -	1882
O Brief, Thos. J	1873
O'Brien, Robert S	1873
*O'Brien, David	1899
O'Brien, J. R., B.A Ottawa	1862
O'Brien, T. D. P	1804
O'Brien, T. J. P	1000
Cal., U.S.A	1882
O'Brien, Timothy Wahpeton, N.D	1884
*O'Callagan Cornelius H	1854
O'Callaghan, T. A., B.A44 Turnbull St., Worcester,	
Mass	1880
*O'Carr Peter	1851
*O'Connor Daniel A	1367
O'Connor E J Ottawa	10000
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*O'Dell, William O'Keefe, Henry	
O'Keefe, Henry	849
Ogden, H. V., B.A	882
koo Wisconsin St., Milwau-	
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*Oliver, James W	859
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Oliver, W	890
Oppenheimer, S. S	895
O'Rielly, Charles Greenwood, B.C	898
Orr, A. E	368
Orr, J. E	388
*Orton, T. H	388
Osborne, A. B	386
O'Shaughnessy, L. J.	886
Osler, William, LL.D 1 W. Franklin St., Baltimore 18	98
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*Padfield, Charles W	
*Painchaud, Edward S I	68
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Palmer, A. J 49 College St., Toronto 180	
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*Pallen, Montrose A	
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*Paquin, Jean M	
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*Pholon Tomos B	1874
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*Phelan, Joseph P	1854
Phelps, S. E Steuben, Me., U.S.A	1899
Philip. David L	1861
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Philip, W. S	1883
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*Picault, Chas	1860
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*Pinet, Alexis	1864
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Powell, E. H	1885
Powell, Israel Wood Victoria, B.C	1860
*Powell, Newton W	1852
Powell, Robert H. W 180 Cooper St., Ottawa	1876
*Powers George W	1861
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Powers M. B.A Ottawa	1898
Prescott A. H Queenbury, N.B	1896
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Pringle George	1899
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Pringle, W.R Schreiber, O	1886

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Prosser, W. O	1874
Proudfoot, John S Suspension Bridge, O	1868
Proudfoot, Alex	1869
Prouxl, Phileas	1844
*Provost, E. Gilbert	1859
Pulford, F. W	1880
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*Quarry, James J	1868
*Quay, D. D. *Quesnel, Jules M.	1868
*Quesnel, Jules M	1895
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*Rae, J. Hamilton (Hon.), L.L.D	1050
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*Rambault, J	1899
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Raymond, Alf Seattle, Wash	1874
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Read, Herbert H	1850
Reavely, E	1861
*Redner, Horace P	1887
Reddick, Robert Bessley J. B.C.	1864
Reddick, Robert	1874
Reddy, Herbert L., B.A Montreal	1876
*Reddy, John (ad eun.)	1857
*Reed, Thomas D	1871
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Ritchie, A. F., B.A Duluth, Minn	1876
Ritchie, John L Queenstown, Cape Colony,	
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Robert, G. C	1897
*Roberts, Edward T	1859
Roberts, John C. E., B.A Manchioneal, Jam., W.I	1867
Robertson, A. M Vancouver, B.C	1885
Robertson, A. A., B.A Montreal	1894
Robertson, James E Montague, P.E.I	1865
Robertson, David Milton, O	1864
Robertson, D. McD Perth, O	1898
Robertson, David T., M.A Lennoxville, Q	1857
Robertson, Patrick St. Andrews, Q	1867
Robertson, F. D., B.A Grand Rapids, Mich	1886
Robertson, A. G Salt Lake City, Utah	1888
Robertson, W Elora, O	1890
Robertson, W. A. T Junction City, Kan	1896
Robertson, E. A., B.A Montreal	1891
Robertson, T. F	1891
Robertson, H. M Victoria, B.C	1897
Robertson, J. E	1895
Robillard, Adolphe	1860
Robins, G. D., B.A Windsor Mills, Q	1896
Robinson, B. E Orillia, O	1892
Robinson, Stephen J Brantford, O	1876
Robinson, Wesley Markham, O	1872
Robitaille, Louis New Carlisle, Q	1860
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Rogers, E. J. A	1881
Rogers, F. E Brighton, O	1897
Rogers, Amos Ottawa	
Rogers, W	1892
Rooney, R. F	1870
Rorke, R. F South Woodslee, O	1893
Rose, W. O	1898
*Ross, George, M.A	1866
Ross, James, B.A	1881
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Ross, J. J., B.A Montreal	1880
Ross, L. D Montreal	1884
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*Ross, Henry	1872
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*Ruttan, Allen	1852
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Ruttan, R. F., B.A. Montreal	1884
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Savage, Thos. Y Thistletown O	1854
Barage, Alex. C	1866
*Sawyer, James H	1863
Amherst NS	1900
St. John NR	1894
Montreal	893
Scanlan, Harry Gloucester Mass	898
Schmat, Samuel B.	847
Montreal	886
Farihault Minn	886
Schonerd, David T	869
Deliwartz, H. J Quebec Q	898
Windom Minn	899
Scott, John G Hazledean Co Carl O	879
Scott, Stephen A	854
Scott, William E	844
Beett, Wm. F Hull ()	875
Montreal Montreal	897
St Catharines O	383
Philadelphia Penn	887
Owen Sound O	394
Scriven, George Augustus	346
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Second. J. H Summerside, P.E.I	1896
Seery, F. J	1886
Bellee, Edward W	1878
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Seymour, M. M	1843
*Sewell, Stephen C. (ad eun.) Sewell, Chas. Colin (ad eun.)68 St. Louis St., Quebec	1869
Shanks, A. L Morden, Man	1889
Shanks, J. C	1881
Sharp, Isaac C	1885
Sharp, Wm. J. (Ret.) Lacombe, N.W.T	1872
Sharpe, E. M Lacombe, Alberta, N.W.T.	1894
Shaughnessy, C. R Ottawa	1900
*Shaw, Alexander	1882
Shaw, W. F Orilla, O	1879
Shaw, G. F St. Andrews, Q	1893
Shaw, R. B	1896
Shaw, T. P	1893
Shaw, H. S Montreal Annex, Q	1894
Shaw, H. M Berwick, N.S	1895
*Shaver, Peter Rolph	1854
Shaver, W. H Madelia, Minn	1883
*Shaver, R. N	1857
Snioley, J. L., B.A Yuma, Ariz	1885
Shirriff, G. R	1891
Shenherd Francis J Montreal	1873
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Shillington, A. T	1894
Shoehottom, Henry	1857
Shore R. A. A. B.A Toronto	1899
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Sihler, G. A Litchfield, Illinois	1883
Sihler, W. F Grand Harbor, N.D., U.S.A.	1898
*Simard, Amable	1852
Simpson, Thomas (ad eun.) Montreal	1854
Sinclair, Coll Aylmer, O	1874 1891
Sinclair, O. W Eureka, Cal	1884
Sinclair, D. R	1897
Skeels, A. A., BA St. Albans, Vermont	1896:
Slack, T. J Waterloo, Q	1880
Small, H. B 150 Maria St., Ottawa	1868
*Smallwood, John R	1877
Smellie, T. S. J., M.A Port Arthur, O	1896
Smellie, W	1880
Smiley, J. S	1898
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*Smith, Daniel D
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Smythe, T. W
Smyth, H. E Bridgeport, Conn 1848 Smyth, W. H. B. A Bridgeport, Conn 1884
Smyth, W. H., B.A Montreal, Q 1884 Snider Frederick S
Sparham Terence Teeterville, O
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Speer, Andrew M.
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Stewart, James Montreal	1869
Stewart, J. O	1880
Stewart, A. D Montreal	1888
Stewart, W. G., B.A Montreal	1888
Stevenson, James	1859
Stimpson, Alfred O Thompson, Pa	1868
St. John, Leonard 539 W. Monroe St., Chicago,	
Ill	1872
Stockwell H P Danville, Q	1898
Storrs, A Scarisbrick, New Road,	
Southport, Eng	1876
*Strobridge, James Gordon	1862
Struthers, A. D Bedford, Q	1881
Struthers, R. B Sudbury, O	1883
Stroud, C. S Montreal	1876
*Sutherland, Fred. Dunbar	1861
Sutherland, G. R	1897
Sutherland, Walter Valleyfield, Q	1871
*Sutherland, William	1836
*Sutherland, William	1870
Sutherland, W. H Sea View, P.E.I	1899
Sutherland, William R Montreal	1879
Sutherland, J. A Springhill, N.S	1893
Switzer, Egerton R Salina, Ks	1865
Tabb, Silas E., M.A Sherbrooke, Q	1869
*Tait. Henry Thomas	1860
Taplin, M. M Rochester, N.Y	1892
*Taylor, Wm. H	1858
Taylor, Sullivan A Gilmonton, N.H., U.S.A	1870
*Taylor, T. T	1892
Taylor, J. N Golden, B.C	1892
Tees, J., B.A Hemmingford, Q	1896
Telfer, W. J Montreal	1890
Telford, R Chemain, B.C	1898
Tetreau, T Lawrence, Mass	1896
Tew, H. S Wakefield, York, Eng	1864
Temple, James A 205 Simcoe St., Toronto	1865
Thayer, Linus O Montreal	1859
*Theriault, F. D	1863
Therien, Honore	1863
Thomas, H. W Montreal	1897
Thomas, J. E Montreal	1897
Thomas, W. R Lennoxville, Q	1886
Thompson, G. H North Sydney, N.S	1899
*Thompson, James	1842
Thompson, Robert Paris, O	1852
Thompson, Wm. E Dawson City	1882
Thompson, J. A Maple Grove, Q	1897
Thompson, J. H Petersburg	1888
Thompson, F. E Montreal	
Thomson, F. L	
Thompson, J Sumner, P.O., Neb	
Thornton, Hastewell W., B.A New Richmond, Q	
Tierney, J. A St. Albert, Alta	1897

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Tiffany, G. S	
Tomkins, J. E. C	1898
Tooke, F. T., B.A. Montanal Plains, Q	1893
Tooke, F. T., B.A	1899
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Tupper, T. S.	1875
*Turgeon, Louis G	1876
Turnbull, J. A. Bay River, N.S. Turnbull, A. R.	1860
Turnbull, A. R.	1900
Turnbull, T	1886
Turner, W. G., B.A	1899
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Ussher, Henry Walkerton, O	1861
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W. I. A Stanley, York Co N.B.	897
W., Gaspe Basin, Q	866
Wales, Benjamin N Robinson, Q.	874
Walker, Robert	851
Walker, J. L	20T
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Walker, D. F.	392
walker, Felix D	395
Walker, P. McH.	384
Wallace, Isaac W Milton O	98
Walsh, Edmund C. Modrid N. W.	74
Walsh, W. E Monnig III	66
Walsh, T. N.	92
Walsh, T. N Ormstown, Q	92
Walton, George O St. George, Barbadoes, W.I. 18	73

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*Wanless, John R	1873
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*Warren, Henry	1896
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*Weir, Richard	
West J Montreal	1898
Westley, R. A Montreal	1888
Wetmore, F. H	1888
Wheeler, C. L., B.A	1889
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Whillans, H. A	
White F I Moncton, N.D	1886
White, W. W., M.A St. John, N.B	1886
White, D. De J Montreal	1890
White, R Fairview, B.C	1895
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Whitton, D. A Ottawa	1898
*Whitwell, W. P. O	1860
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Whyte, J. J Metcalfe, O	1889
Whyte I T BA Killarney. Man	1893
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Wigle, Hiram Wiarton, O	
*Widmer. Christopher (Hon.)	1847
*Wilcox, Marshall B	1868
Wilkins, George (ad eun.) Montreal	1886
Wilkins, H. P	1887
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Wilkins, W. A	
Williams, J	1881
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Williams, J. F Bracebridge, Muskoka	
*Williams E P	1887
Williams, E. J., B.A Sherbrooke, Q	1897
Williams I A Montreal	1895
Williamson, H. M	1890
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Williamson, W. P Benecia, Cal., U.S.A	1001
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Wilson, J. A. K Ladner's Landing, B.C	1879 1885
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Wiles Tr	1897
Wilson, W. A Derby, N.B	1890
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*Wilson, Robert M	1850
*Wilson, William	1857
Wilson, Samuel F., M.A Montreal	1884
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Wilson, R. D	1894
*Wilscame, John Wilbrod Derby, N.B	1846
Wishart, D. J. G Toronto	1885
Witherbee, W. D Potsdam, N.Y	1899
Cornell University. Ithaca	
	1894
James Street N., Hamil-	
Woods, David ton, O	1868
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Wood, Edwin Geo	1885
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Woodiul, Sam Pratt	1864
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Woodruff, T. A	1888
Woodruff, E. H	1890
Woods, Jno. J. E. Avimor O	1875
Woolway, C. J Washburn Bldg., St. Paul,	1010
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Wye, John H	1895
Wye, John H 25 Ampton St., London.	
$\mathbf{W}$	1868
Wylde, C. F Montreal	1889

Yates, H. B., B.A	. 1893
Yates, H. B., B.A	5,
Yearwood, C. A., B.A St. Andrews, W.I	1004
York, H. E	1873
Young, Philip R	1887
Young, Robert C	1888
Young, H. E., B.A	1870
Young, H. E., B.A	1890
Yorston, F. S	

<sup>\*</sup> Deceased. † Medalist.

# MATRICULATION EXAMINATION PAPERS.

SEPTEMBER, 1900.

### COMPULSORY SUBJECTS.

### English Grammar.

WEDNESDAY, SEPT. 19TH:-9 TO 10.30 A.M.

(N.B.-Question 5 is compulsory.)

- 1. Give the plural of envoy, crisis, Turcoman, son-in-law, knighterrant; the feminine of host, czar, earl, drake, fox; the second person singular of the past tense and the past participle of abide, chide, beseech, lay, tread.
- 2. Define and illustrate: defective verb, clause, phrase, verb of incomplete predication, weak verb, hybrid, passive voice, synonym.
- 3. Classify pronouns, adjectives and adverbs, and give, when possible, two examples of each class.
  - 4. Correct or justify, giving your reasons:-
    - (a) I expected to have seen the Bank paying in gold and silver.
- (b) Each of these classes of the human race has desires, fears and conversation peculiar to itself; cares which another cannot feel and pleasures which he cannot partake.
  - (c) Anthea was content to call a coach and crossed the brook.
- (d) Another magistrate reports several robberies of arms in the parishes of Skull and Kilmoe.
- (e) The Minister of the King of the Netherlands claimed the pictures belonging to his Sovereign, equally with those of other powers.
  - 5. (a) Parse and analyse:

Hunnaman.

He fills with his power all their hearts to the brim, Was aught ever heard like his fiddle and him?

(b) Write a compound sentence consisting of two complex sentences, each of hich contains a noun, an adjective and an adverbial clause. Specify the clauses so written.

### English History.

WEDNESDAY, SEPT. 19TH:-MORNING, 10.30 TO 12.

Note.—The candidate will answer any six questions.

- 1. Give a list, in chronological order, of the different territorial divisions which existed in Britain between the time of the Romans and the Norman Conquest.
  - 2. Sketch the reign of Henry I.
  - 3. What part did Britain take in the Crusades?
- 4. Describe that portion of the Hundred Years' War which falls in the 15th century.
- 5. Examine the reign of Henry VIII. from the standpoint of foreign politics.
  - 6. Detail the events of the decade, 1640-1650.
- 7. Name the great English statesmen of the 13th century in order of time.
  - 8. Write what you know of English industrial progress since 1775.

#### Dictation.

This ribaldry composed in a garret on the Danube, for the entertainment of a day, will be preserved by the scribblers of Germany in their monthly, quarterly, and annual journals; will be by the writers of the rest of Europe chronicled as an authentic document, and will finally receive endless durability in carefully written histories, intended to go down to the latest posterity, as accurate pictures of the present times. Strangers will defame my character to all future ages, and not one of my countrymen will waste a drop of ink in my vindication. Ah! why was I cast among so vile a race? why was I born in such a miserable epoch? I had some generosity, some honest pride, some noble sentiments in my composition, and it was only when I found modesty confounded with incapacity and humility considered as meanness; when I saw virtue excite more distrust than vice, and successful vice usurp the praise of virtue, that I cast off qualities which could only prove stumbling-blocks in my way, and that like the rest I became insidious, vindictive and faithless-but on others fall the weight of my sins; on others, the responsibility of my good dispositions depraved!

# English Literature and Composition.

WEDNESDAY, SEPT. 19TH: -2.30 TO 5.30 P.M.

(Candidates may take either Section I. or Section II. All Candidates must take Section III., except those who have entered for First Year Exhibitions. Write the answers on each author in separate books.)

I.

# A. Scott: The Lady of the Lake.

- 1. Give an outline account of the events contained in Canto I. (The Chase) or Canto III. (The Gathering).
- 2. Discuss the character of Ellen, or of Fitz-James, with illustrative quotations from the text of the poem.
- 3. Write explanatory notes on:—The Lady of the Bleeding Heart, coronach, shallop, mavis, Stout Earl William, Snowdoun's Knight is Scotland's King.
- 4. In what metre are the narrative and descriptive parts of this poem written? Scan eight consecutive typical verses. Explain the nature of the Spenserian stanza.
  - 5. Illustrate from the poem:-
    - (a) Clan feeling.

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- (b) Scottish admiration of manly courage.
- (c) Scott's genius in relating a well-constructed story.

### B. TENNYSON: Selections.

### (This paper may be taken instead of A.)

- 1. Give some account of Tennyson's literary life.
- 2. State Tennyson's characteristics as a poet. Illustrate them from the poems prescribed, and say with precision whence each illustration is taken.
- 3. In eight or ten lines to each, sketch the course of any three of the longer poems you have studied.
- 4. Refer to its poems and to its context each of the following extracts:—
  - (a) And from the craggy ledge the poppy hangs in sleep.
  - (b) The last great Englishman is low.
  - (c) I have only done my duty as a man is bound to do.
  - (d) He is a landscape painter.

    And a village maiden she.

- (e) Strong in will

  To strive, to seek, to find, and not to yield.
- (f) Let me go; take back thy gift.
- (g) 'I am half-sick of shadows.'
- (h) A brow of pearl Tressed with redolent ebony.
- (i) The sweet forget-me-nots
  That grow for happy lovers.
- (j) And the sun went down, and the stars came out far over the summer sea.

### C. SHAKSPERE: Richard II.

- 1. Quote and scan twenty consecutive lines of the play.
- 2. Contract the characters of Richard and Bolingbroke.
- 3. Explain the following passages, and say by whom and on what occasion they are spoken:—
  - (a) Within the hollow crown
    That rounds the mortal temples of a king
    Keeps Death his court, and there the antic sits,
    Scoffing his state and grinning at his pomp.
  - (b) 'Twill make me think the world is full of rubs, And that my fortune runs against the bias.
  - (c) Our scene is alter'd from a serious thing,
    And now chang'd to "The Beggar and the King."
  - (d) Hail, royal prince!

Thanks, noble peer;

- The cheapest of us is ten groats too dear.
- (e) England, bound in with the triumphant sea,
  Whose rocky shore beats back the envious siege
  Of watery Neptune, is now bound in with shame,
  With inky blots and rotten parchment bonds.
- (f) Now for our Irish wars:

  We must supplant those rough rugheaded kerns,
  Which live like venom where no venom else
  But only they have privilege to live.

II.

### D. Longfellow: Selections.

1. Give an outline of the story of Evangeline, and write a short paragraph on the topography of the poem.

- 2. Giving eight or ten lines to each, sketch the course of the following poems:—
  - (a) The Wreck of the Hesperus.
  - (b) The Warden of the Cinque Ports.
  - (c) Excelsior.

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- 3. Refer to its poem and to its context each of the following extracts:—
  - (a) Such songs have power to quiet The restless pulse of care.
  - (b) The dead lay in his shroud of snow.
  - (c) Let the dead past bury its dead!
  - (d) Not as a child shall we again behold her.
  - (e) And the burden laid upon me Seemed greater than I could bear.
  - (f) For he spake of Ruth the beautiful And still I thought of thee.
  - (g) Voices of children at play, the crowing of cocks in the farm-yards.
  - (h) The light-house,—the dismantled fort— The wooden houses, quaint and brown.
  - (i) And through the window panes on floor and panel Streamed the red autumn sun.
  - (j) "Last night the moon had a golden ring."

### E. WORDSWORTH: Selections.

- 1. What do you know regarding Wordsworth's education and habits?
- 2. State the characteristics of Wordsworth's peotry, and illustrate them from the poems you have read.
  - 3. Quote or give the substance of two of Wordsworth's sonnets.
- 4. Refer to its poem and to its context each of the following extracts:—
  - (a) A perfect Woman, nobly planned, To warn, to comfort, and command.
  - (b) And beauty born of murmuring sound Shall pass into her face.
  - (c) If Thought and Love desert us, from that day Let us break off all commerce with the Muse.
  - (d) Dear God! the very houses seem asleep.
  - (e) Thy soul was like a Star, and dwelt apart.
  - (f) A Life, A Presence like the Air.

- (g) Oft have I seen it muffled up from harm, In close self shelter, like a Thing at rest.
- (h) There is madness about thee, and joy divine In that song of thine.
- (i) They were thy chosen music, Liberty!
- (j) Be mine, in hours of fear Or grovelling thought, to seek a refuge here.

#### III.

### Composition.

Write an essay of not less than three pages on one of the following subjects:--

- A. A Summer Outing.
- B. Books of Adventure.
- C. Sincerity.

### Geometry.

TUESDAY, SEPTEMBER 18TH:-MORNING, 9 TO 12.

- 1. Triangles upon the same base, and between the same parallels, are equal to one another.
- (a) If P be a point in a side AB of a parallelogram ABCD, and PC, PD be joined, the triangles PAD, PBC are together equal to the triangle PDC.
- 2. Bisect a given triangle by a straight line drawn from a given point in one of the sides.
- 3. If a straight line be divided into any two parts, the square on the whole line is equal to the squares on the two parts together with twice the rectangle contained by the parts.
- (a) In a triangle, whose vertical angle is a right angle, a straight line is drawn from the vertex perpendicular to the base. Shew that the rectangle contained by the segments of the base is equal to the square on the perpendicular.
- 4. To divide a given straight line into two parts, so that the rectangle contained by the whole and one of the parts shall be equal to the square on the other part.
- 5. To describe a square that shall be equal to a given rectilinear figure.

6. To draw a straight line from a given point, either without or on the circumference, which shall touch a given circle.

(a) If a quadrilateral ABCD be described about a circle, shew that the sum of AB and CD is equal to the sum of AD and BC.

7. If a straight line touch a circle, and from the point of contact a straight line be drawn cutting the circle, the angles made by this line with the line touching the circle are equal to the angles in the alternate segments of the circle.

8. If from any point without a circle two straight lines be drawn, one of which cuts the circle, and the other touches it, the rectangle contained by the whole line which cuts the circle and the part of it without the circle will be equal to the square on the line which touches it.

#### Algebra and Arithmetic.

TUESDAY, SEPT. 18TH: AFTERNOON, 2 TO 5.

1. Resolve into factors:

(a) 
$$a^2 - 7a + 12$$

(b) 
$$a^2 - a - 156$$

(c) 
$$4x^2 + 11x - 3$$

(d) 
$$x^4 + x^2y^2 + y^4$$

(e) 
$$x^2 - 2x + 1 - a^2 - 4ab - 4b^2$$

2. Simplify:---

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$$\left(\frac{a^2 - ax + x^2}{a - x} - \frac{a^2 + ax + x^2}{a + x}\right) \left(\frac{a^2 - x^2}{x^3}\right)$$

Find the value of

$$\frac{y+}{(x-y)(x-z)} + \frac{z+x}{(y-z)(y-x)} + \frac{x+y}{(z-x)(z-y)}$$

3. Solve the following equations:—

$$\frac{(1)}{x+2} + \frac{4}{x+6} = 1$$

(2) 
$$\frac{1}{2}x - \frac{1}{5}y = 4$$
;  $\frac{1}{7}x + \frac{1}{15}y = 3$ .

$$\overset{\text{(3)}}{x-1} - \frac{5}{x+2} = \frac{3}{x}.$$

(4) 
$$x^2 + y^2 = 180$$
;  $x - y = 6$ .

(5) 
$$\sqrt{x+3} + \sqrt{x} = 5$$
.

4. Two persons, 27 miles apart, setting out at the same time, are together in 9 hours if they walk in the same direction, but in 3 hours if they walk in opposite directions; find their rates of walking.

5. Two rectangles contain the same area, 480 square yards. The difference of their lengths is 10 yards, and of their breadths 4 yards; find their sides.

6. Find the square root of 
$$12a^x + 4 - 6a^{3x} + a^{4x} + 5a^{2x}$$
Find the value of  $2\sqrt{363} - 5\sqrt{243} + \sqrt{192}$ 
Rationalize the denominator of  $\frac{3\sqrt{2} - 1}{3\sqrt{2} + 1}$ 

7. Simplify 
$$\frac{2\frac{4}{5} - 1\frac{1}{2} + 9\frac{1}{11}}{4\frac{1}{5} - 2\frac{1}{4} + 13\frac{7}{11}}$$

8. What principal will give \$616, simple interest in 5½ years at 6% per cent. ?

9. A cubic foot of water weighs 1000 cz., find the weight of a rectangular block of gold 20.32 cm. in length, 5.08 cm. in thickness and 7.62 cm. in breadth, the weight of a mass of gold being 19.26 times the weight of an equal bulk of water.

#### Latin Authors.

MONDAY, SEPTEMBER 17TH:-9 TO 11 A.M.

Note.—Candidates for Matriculation will translate (explaining the grammatical construction of words printed in italies) any two of the following sections (A), (B), (C). Candidates for First Year Exhibitions will do (A), (B) and (C).

(A) Caesar, De Bello Gallico I and II, or Caesar, De Bello Gallico V and VI.

Eodem die ab exploratoribus certior factus hostes sub monte consedisse milia passuum ab ipsius castris octo, qualis esset natura montis et qualis in circuitu ascensus qui cognoscerent misit. Renuntiatum est facilem esse. De tertia vigilia T. Labienum legatum pro praetore cum duabus legionibus et his ducibus qui iter cognoverant summum iugum montis ascendere iubet; quid sui consilii sit ostendit. Ipse de quarta vigilia eodem itinere quo hostes ierant ad eos contendit equitatumque omnem ante se mittit. P. Considius, qui rei militaris peritissimus habebatur, et in exercitu L. Sullae et postea in M. Crassi fuerat, cum exploratoribus praemittitur.—Bk. I.

illiannama.

Legionis nonae et decimae milites, ut in sinistra parte acie con stiterant, pilis emissis cursu ac lassitudine exanimatos vulneribusque confectos Atrebates (nam his ea pars obvenerat) celeriter ex loco superiore in flumen compulerunt et transire conantes insecuti gladiis nagnam partem eorum impeditam interfecerunt. Ipsi transire flumen non dubitaverunt, et in locum iniquum progressi rursus resistentes hostes redintegrato proelio in fugam coniecerunt. Item alia in parte diversae duae legiones, undecima et octava, profligatis Veromanduis, quibuscum erant congressi, ex loco superiore in ipsis fluminis ripis proeliabantur.—Bk. II.

Hac in utramque partem disputatione habita cum a Cotta primisque ordinibus acriter resisteretur, Vincite, inquit, si ita vultis, Sabinus, et id clariore voce ut magna pars militum exaudiret: neque is sum, inquit, qui gravissime ex vobis mortis periculo terrear; hi sapient, et si gravius quid acciderit, abs te rationem reposcent; qui, si per te liceat, perendno die eum proximis hibernis coniuncti communem cum reliquis belli casum sustineant, non reiecti et relegati longe ab ceteris aut ferro aut fame intereant.—Bk. V.

Germani desperata expugnatione castrorum, quod nostros iam constitisse in munitionibus videbant, cum ea praeda quam in silvis deposuerant trans Rhenum sese receperunt. Ac tantus fuit etiam post discessum hostium terror ut ea nocte, cum C. Volusenus missus cum equitatu ad castra venisset, fidem non faceret adesse cum incolumi Caesarem exercitu. Sic omnium animos timor praeoccupaverat ut paene alienata mente deletis omnibus copiis equitatum [tantum] se ex fuga recepisse dicerent, neque incolumi exercitus Germanos castra oppugnaturos fuisse contenderent. Quem timorem Caesaris adventus sustulit.—Br. VI.

#### (B) VIRGIL, AENEID, I, or II, or V, or VI.

Olli subridens hominum sator atque deorum vultu, quo caelum tempestatesque serenat, oscula libavit natae; dehinc talia fatur:
Parce metu, Cytherea; manent immota tuorum fata tibi; cernes urbem et promissa Lavini moenia, sublimemque feres ad sidera caeli magnanimum Aenean; neque me sententia vertit.

Hunc Phœnissa tenet Dido, blandisque moratur Vocibus; et vereor, quo se Iunonia vertant Hospitia; haud tanto cessabit cardine rerum. Quocirca capere ante dolis et cingere flamma Reginam meditor, ne quo se numine mutet;

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Sed magno Aeneae mecum teneatur amore. Qua facere id possis, nostram nunc accipe mentem: Regius accitu cari genitoris ad urbem Sidoniam puer ire parat, mea maxima cura.—Bk. I.

Atque ubi iam patriae perventum ad limina sedis antiquasque domos, genitor, quem tollere in altos optabam primum montes, primumque petebam, abnegat excisa vitam producere Troia. exsiliumque pati. Vos o, quibus integer aevi sanguis, ait, solidaeque suo stant robore vires, vos agitate fugam Me si caelicolae voluissent ducere vitam, has mihi servassent sedes. Satis una superque vidimus excidia, et captae superavimus urbi. Sic o, sic positum affati discedite corpus. Ipse manu mortem inveniam; miserebitur hostis, exuviasque petet. Facilis iactura sepulcri. Iam pridem invisus divis et inutilis annos demoror, ex quo me divum pater atque hominum rex fulminis afflavit ventis, et contigit igni.—Bk. II.

Haec fatus, duplicem ex humeris relecit amictum, et magnos membrorum artus, magna ossa lacertosque exuit, atque ingens media consistit arena.

Tum satus Anchisa cestus pater extulit asquos, et paribus palmas anborum innexuit armis.

Constitit in digitos extemplo arrectus uterque, brachiaque ad superas interritus extuli auras.

Abduxere retro longe capita ardua ab ictu; immiscentque manus manibus, pugnamque lacessunt, Ille pedum melior motu fretusque iuventa.

hic membris et mole valens; sed tarda trementi genua labant; vastos quatit aeger anhelitus artus.—Bk. V.

Ecce gubernator sese Palinurus agebat:
qui Libyco nuper cursu, dum sidera servat,
exciderat puppi mediis effusus in undis.
Hunc ubi vix multa maestum cognovit in umbra,
sic prior alloquitur: Quis te, Palinure, deorum
eripuit nobis, medioque sub aequore mersit-?
Dic age. Namque mihi, fallax haud ante repertus,
hoc uno responso animum delusit Apollo,
qui fore te ponto incolumem, fines que canebat

venturum Ausonios. En haec promissa fides est? Ille autem: Neque te Phoebi cortina fefellit, dux Anchisiada, nec me deus aequore mersit. Namque gubernaclum, multa vi forte revulsum, cui datus haerebam custos, cursusque regebam, cui datus haerebam custos, cursusque regebam, praecipitans traxi mecum.—Bk. V.

(C) CICERO, IN CATILINAM III, IV, or HORACE, ODES III, or TACITUS, AGRICOLA.

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Ac ne longum sit, Quirites, tabellas proferri iussimus, quae a quoque dicebantur datae. Primum ostendimus Cethego signum: cognovit. Nos linum incidimus: legimus. Erat scriptum ipsius manu Allobrogum senatui et populo, sese, quae eorum legatis confirmasset, esse facturum: orare, it item illi facerent, quae sibi legati eorum recepissent. Tum Cethegus, qui paullo ante aliquid tamen de gladiis ac sicis, quae apud ipsum erant deprehensae, respondisset dixissetque, se semper bonorum ferramentorum studiosum fuisse, recitatis litteris debilitatus atque abiectus, conscientia convictus, repente conticuit.—In Cat. III.

Cogitate quantis laboribus fundatum imperium, quanta virtute stabilitam libertatem, quanta deorum benignitate auctas exaggeratasque fortunas, una nox paene delerit. Id ne umquam posthac non modo non confici, sed ne cogitari quidem possit a civibus, hodierno die providendum est. Atque haec non ut vos, qui mihi studio paene praecurritis, excitarem, locutus sum; sed ut mea vox, quae debet esse in re publica princeps, officio fuenta consulari, videretur.—In Cat. IV.

Of ons *Bandusiae*, splendidior vitro, dulci digne *mero*, non sine floribus, cras donaberis haedo, cui frons turgida cornibus.

primis et venerem et proelia destinat; frustra: nam gelidos inficiet tibi rubo sanguine rivos lascivi suboles gregis.

Te flagrantis atrox hora caniculae nescit tangere: tu frigus amabile fessis vomere tauris praebes et pecori vago.

Fies nobilium tu quoque fontium, me dicente cavis impositam ilicem saxis, unde loquaces lymphae desiliunt tuae.

Horace, Odes III.

Haec primo statim anno comprimendo, egregiam famam paci circumdedit; quae vel incuria vel intolerantia priorum haud minus quam bellum timebatur. Sed ubi aestas advenit, contracto exercitu, multus in agmine laudare modestiam, disiectos coercere: loca castris ipse capere, aestuaria ac silvas ipse praetentare; et nihil interim apud hostes quietum pati, quo minus subitis excursibus popularetur: atque, ubi satis terruerat, parcendo rursus irritamenta pacis ostentare. Quibus rebus multae civitates, quae in illum diem ex aequo egerant, datis obsidibus, iram posuere, et praesidiis castellisque circumdatae tanta ratione curaque, ut nulla ante Brittaniae nova pars illacessita transierit.—Tacitus, Agricola.

### Latin Prose Composition and Translation at Sight.

MONDAY, SEPTEMBER 17TH:-9 TO 11 A.M.

Note.—This paper is intended for those only who do not offer the prescribed books. Candidates for matriculation will do one passage from each section; candidates for Exhibitions will do the whole paper.

A.

If you have been persuaded to pardon his offences, and not to exact punishment for so many crimes, would any one impute that to you as a fault, or taunt you with your elemency and gentleness? It might perhaps have been better not to have listened to prayer; but error is one thing, wrong-doing another.

It is generally agreed among historians that this King, trained by toil and accustomed to bear with patience the frowns of fortune showed in the midst of disaster and ruin the same character as in prosperity.

B.

Advenit, o socii, nunc abeundi tempus e vita, quam reposcenti naturae, ut debitor bonae fidei, redditurus exsulto: non ut quidam opinantur, afflictus et moerens: philosophorum sententia perdoctus, quantum corpore sit beatior animus, et contemplans, quoties conditio melior a deteriore secernitur, laetandum esse potius, quam

dolendum; illud quoque advertens, quod etiam dii caelestes quibusdam piissimis mortem tanquam summum proemium persolverunt. Sempiternum veneror numen, quod non clandestinis insidiis, nec onga morborum asperitate, vel damnatorum fine decedo: sed in medio corsu florentium gloriarum hunc merui clarum e mundo di gressum. Aequo enim judicio juxta timidus est et ignavus, qui, cum non oportet, mori desiderat, et qui refugiat, cum sit opportunum.

Ammianus Marcellinus.

Icm senior Ladon Tiberinae nauta carinae
Proxima dilectis rura paravit aquis.
Quae cum saepe vagus premeret torrentibus undis
Tibris et hiberno rumperet arva lacu,
Emeritam puppim, ripa quae stabat in alta,
Implevit saxis opposuitque vadis.
Sic nimias avertit aquas. Quis credere posset?
Auxilium domino mersa carina tulit.

#### Translation at Sight.

Monday, September 17th: - 11 to 12 a.m..

Note.—Candidates for Matriculation will do I.; candidates for Exhibitions will do 1. and 11.

I.

Condita civitate, quam ex nomine suo Romam vocavit, haec fere egit. Multitudinem finitimorum in civitatem recepit; centum ex senioribus legit, quorum consilio omnia agreret, quos senatores nominavit propter senectutem. Tum, cum uxores ipse et populus suus non haberent, invitavit ad spectaculum ludorum vicinas urbi Romae nationes atque earum virgines rapuit. Commotis bellis propter raptarum iniuriam, Caeninense vicit, Sabinos, Veientes. Haec omnia oppida urbem cingunt. Et cum, orta subito tempestate non comparuisset, anno regni tricesimo septimo ad deos tranisse creditus est et consecratus. Deinde Romae per quinos dies senatores imperaverunt, et his regnantibus annus unus completus est.

II.

Iam gravis aequabat luctus et mutua Mavors Funera; caedebant pariter pariterque ruebant Victores victique; neque his fuga nota, neque illis. Di Iovis in tectis iram miserantur inanem

Hunnnenn.

Amborum, et tantos mortalibus esse labores;
Hinc Venus, hinc contra spectat Saturnia Iuno.
Pallida Tisiphonemedia inter milia saevit.
At vero ingentem quatiens Mezentius hastam
Turbidus ingreditur campo. Quam magnus Orion
Cum pedes incedit medii per maxuma Nerei
Stagna viam scindens, humero supereminet undas,
Aut, summis referens annosam montibus ornum,
Ingrediturque solo et caput inter nubila condit:
Talis se vastis infert Mezentius armis.
Huic contra Aeneas, speculatus in agmine longo,
Obvius ire parat.

### Latin Grammar and Composition.

MONDAY, SEPTEMBER 17TH:-2 TO 4 P.M.

#### I. Latin Grammar

Note.—Candidates for Matriculation will answer the first seven questions; candidates for Exhibitions, questions 2, 4, 6, 7, 8, 9 and 10.

1. Decline rex, corpus; vir liber; unus quisquam (marking by the usual sign all long vowels).

2. Write down the Nom. Sing. of ossis, pectore, noctis, itineris; the Gen. Sing. of filius; the Dat. Pl. of deus; and the Voc. Sing. of meus.

3. Give the principal parts of eo, refero, premo, figo, loquor, pertimeseo, requiro.

Give the Imperative Pres. of sum; the Fut. Indic. Act. of dico; the Imperf. Indic. of prosum; the Pres. Subj. Act of fero; all the Participles, with meanings, of loquor.

5. Give the Comparative and Superlative of altus, prudens, acer, facilis, male, pulchre.

6. Distinguish the Objective and Subjective Genitive, and give examples.

7. State clearly the principles of syntax that explain the following constructions: nihil erat reliqui; vir summae virtutis: laudator temporis acti; Caesar a Bruto interfectus es.

8. Distinguish between the Pure Perfect Tense and the Historical Perfect; between the Imperfect and Historical Perfect.

9. Are both of the following sentences grammatically correct?

(a) Caesarem plus amamus quam Ponpeium.

(b) Caesarem plus amamus Pompeio.

May either of these give rise to ambiguity?

10. Give the general rule of Sequence of Tenses, and some modifications to which this rule is subject. monnen

### II. Latin Composition.

[Candidates for Matriculation will translate into Latin the first five sentences; candidates for Exhibitions will omit the first three.

- 1. After the death of Orgetorix, the Helvetii, determined to emigrate.
  - 2. On the appointed day all came to the bank of the Rhone.
- 3. Here they settled, and drove out the Gauls, who used to inhabit places.
  - 4. When Caesar had set out from Rome, he hastened to Geneva.
- 5. It is uncertain where they started from, and when they will reach the city.
- 6. At the break of day he drew up all his forces and marshalled them in a double line.
- 7. The auxiliaries he stationed in the centre, and waited to see what plan the enemy would adopt.
- 8. If the Romans should begin to retreat, they intended to attack them since they would be encumbered in their march.

### Optional Subjects.

## Greek-Xenophon and Sight Translation.

MONDAY, SEPTEMBER 24TH: - MORNING, 9 TO 12.

N.B.-Question 4 must be attempted by every candidate.

- 1. Translate, explaining the constructions underlined:
- (α) καὶ ἡ μήτηρ ουνέπραττεν αὐτφ ταῦτα, ὅτσε βασιλεὺς της η εν προς έαυτον επιβουλης ουκ ησθάνετο. Τισσαφέρνει φέρνει δὲ ἐνόηιζε πολεηοῦτα αὐτὸν ἀμφὶ τὰ στρατεύματα δαπαναν ὥστε οὐδεν ἤχθετο αύτῶν πολεμούντων. και γὰρ ὁ Κύρος ἀπέπεμπε τοὺς γιγνομένους δασμούς βασιλεί ἐκ τῶν πόλεων ων Τισσαφέρνης ετύγχανεν έχων.
- (b) ἐκάλεσε δὲ καὶ τοὺς Μίλητον πολιορκοῦντας και τοὺς φυγάδας εκέλευσε συν αυτώ στρατεύεοθαι, υποσχόμενος ωυτοις, εὶ καλῶς κα απράξειεν ἐφ' ἃ ἐοτρατεύετο, μὴ πρόσθεν παύσεσθαι πρίν αὐτούς καταγάγοι οἴκαδε.

- (c) τη δὲ ὑστεραία ηκεν ἄγγελος λέγων ὅτι λελοιπώς εἰη Συέννεσις τὰ ἄκρα ἐπεὶ ἤσθετο, ὅτι τὸ Μένωνος στράτευμα ἤδη ἐν Κιλικία ἢν εἴσω τῶν ὀρέων καὶ ὅτι τριήρεις ἤκουε περιπλεούοας ἀπ' Ἰωνίας εἰς Κιλικίαν Ταμῶν ἔχοντα τὰς Λακεδαιμονίων καὶ αὐτοῦ Κύρου.
- (d) ἐπεὶ δὲ ὑμεῖς οὐ βούλεσθε συμπορεύεσθαι ἀνάγκη δή μοι ἢ ὑμᾶς προδόντα τῆ Κύρου φιλία χρῆσθαι ἢ πρὸς ἐκεῖνον ψευσάμενον μεθ' ὑμῶν ἱέναι. εἰ μὲν δὴ δίκαια ποιήσω οὐκ οἶδα, αἰρήσομαι δ' οὖν ὑμᾶς καὶ σὺν ὑμῖν ὃ, τι ἃν δέη πείσομαι.
- (e) ρ΄ίψαντες γὰρ τοὺς πορφυροῦς κάνδυς ὅπου ἔτυχεν ἔκαστος, ἐστηκώς, ἵεντο ὥσπερ ἃν δράμοι τις περὶ νίκης καὶ μάλα κατὰ πρανοῦς γηλόφου, ἔχοντες τούαους τε τοὺς πολυτελεῖς χιτῶνας καὶ τὰς ποικίλας ἀναξυρίδας, ἕνιοι δὲ καὶ στρεπτοὺς περὶ τοῖη τραχήλοις καὶ ψέλια περι τοῖς χεροίν εὐθὺς δὲ σὺν τούτοις εἰσπηδήσαντες εἰς τὸν πηλον θᾶττον ἢ ὡς τις ἂν ϣετο μετεώρους ἐξεκόμισαν τὰς ἁμάξας.
  - (f) ὥστε οὐ τοῦτο δέδοικα μὴ οὐκ ἔχω ὅ,τι δῶ ἐκάστφ τῶν φίλων, αν εὖ γένηται, ἄλλὰ μὴ οὐκ ἔχω ἰκανούς, οἶς δῶ.
  - (g) εἰ δέ τινα ὁρῷη δεινὸν ὄντα οἰκονόμον ἐκ τοῦ δικαίου καὶ κατασκευάζοντά τε ἡς ἄρχοι χώρας καὶ προσόδους ποιοῦντα, οὐδένα ἂν πώποτε ἀφεί λετο, ἀλλ' ἀεὶ πλείω προσεδίδου ὤστε καὶ ἡδέως ἐπόνουν καὶ θαρραλέως ἐκτῶντο καὶ ἃ ἐπέπατο αὖ τις ἥκιστα Κῦρον ἔκρυπτεν οῦ γὰρ φθονῶν τοῖς φανερῶς πλουτοῦσιν ἐφαίνετο, ἀλλὰ πειρὼμενος χρῆσθαι τοῖς τῶν ἀποκρπυπτομένων χρήμασι.
  - 2. In the above extracts parse the following words, giving principal parts of verbs:  $-\mathring{\eta}\chi\theta\epsilon\tau o$ — $\mathring{a}\pi\acute{\epsilon}\pi\epsilon\mu\pi\epsilon$ — $\mathring{v}\pi\sigma\sigma\chi\acute{o}\mu\epsilon\nu\sigma$ ος  $-\kappa a\tau\acute{a}\gamma a\gamma o\iota$ — $\mathring{\eta}\kappa\epsilon\nu$ — $\lambda\epsilon\lambda o\iota\pi\grave{\omega}s$   $\epsilon \mathring{\iota}\eta$ — $\mathring{\eta}\kappa o\nu\epsilon$ — $\pi\epsilon \mathring{\iota}\sigma\sigma\mu a\iota$ — $\mathring{\epsilon}\tau\nu\phi\epsilon\nu$ — $\delta\rho\acute{a}\mu o\iota$ — $\mathring{a}\phi\epsilon\iota\lambda\epsilon\tau o$ — $\mathring{\epsilon}\kappa\rho\nu\pi\tau\epsilon\nu$ .

3. Mention the books written by Xenophon and give the period of his activity.

#### 4. Translate:

Καὶ ην μὲν δειλη ήδη, οἱ δ' ἐκέλευον αὐτοὺς ἐμφαλόντας πορεύεσθαι. καὶ τὸν ἡγεμόνα δήσαντες παδαδιδόασιν αὐτοῦς καὶ συντίθενται τὴν μὲν νύκτα, ἤν λάβωσι τὸ ἄκρον το χωρίον φυλάττειν, ἄμα δὲ τῆ ἡμίρα τῆ σάλπιλλι σημαίνειν· καὶ τοὺς μὲν ἂνω ὄντας ἰέναι ἐτί τοὺς κατέχοντας τὴν φανερὰν ἔκβασιν, αὐτοὶ δὶ συμβοηθήσειν ἐκβαίνοντες ὡς ἂν δύνωνται ταχιστα. ταῦτα συνθέμενοι οἱ μὲν ἐπορεύοντο πλῆθος ὡς δισχίλιοι· και ὕδωρ πολὺ ην ἐξ οἠρανοῦ. ενοφῶν δὲ ἔχων τοὺς ὀπισθοφύλακας ἡγέεῖτο πρὸς τὴν φανερὰν ἔκβασιν, ὅπωη ταύτη τῆ ὀδῷ οἱ πολέμια προσέχοιεν τὸν νοῦν καὶ ὡς μάλιστα λάθοιεν οἱ περιιόντες

#### French.

TUESDAY, SEPTEMBER 20TH: - MORNING, 9 TO 12.

- 1. Translate into English:
- (a) Or cet homme avait deux voisins, l'un plus riche, l'autre moins.

Il s'en alla trouver le premier, et lui dit: "Nous manquons de tout, moi, ma femme et mes enfants: ayez pitié de nous."

Le riche lui répondit: "Que puis-je à cela? Quand vous avez travaillé pour moi, vous ai-je retenu votre salaire, ou en ai-je différé le paiement? Jamais je ne fis aucun tort ni à vous ni à nul autre. mes mains sont pures de toute iniquité. Votre misère m'afflige, mais chacun doit songer à soi dans ces temps mauvais : qui sait combien ils dureront?"

Le pauvre père se tut; et, le cœur plein d'angoisse, il s'en retournait lentement chez lui, lorsqu'il rencontra l'autre voisin moins riche.

Celui-ci le voyant pensif et triste, lui dit: "Qu'avez-vous? il y a des soucis sur votre front et des larmes dans vos yeux."

Et le père d'une voix altérée lui exposa son infortune.

Quand il eut achevé: "Pourquoi," lui dit l'autre, "vous désoler de la sorte? Ne sommes-nous pas frères? Et comment *pourrais-je* délaisser mon frère en sa détresse? Venez, et nous partagerons ce que je tiens de la bonté de Dieu."

La famille qui souffrait fut ainsi soulagée, jusqu'à ce qu'elle pût elle-même pourvoir à ses besoins.

LAMENNAIS.

(b) "Gustave, dit le général en se tournant vers son fils, je ne t'ai donné ce livre qu'à la condition de le quitter, à dix heures; tu aurais dû le fermer toi-même à l'heure dite et t'aller coucher comme tu me l'avais promis. Si tu veux être un homme remarquable, il faut faire de la parole une seconde religion, et y tenir comme à ton honneur. Fox, un des plus grands orateurs de l'Angleterre, était surtout remarquable par la beauté de son caractère. La fidélité aux engagements pris était la principale de ses qualités. Dans son enfance, son père, un Anglais de vieille roche, lui avait donné une leçon assez vigoureuse pour faire une éternelle impression sur l'esprit d'un jeune enfant. A ton âge, Fox venait, pendant les vacances, chez son père qui avait, comme tous les riches Anglais, un parc assez considérable autour de son château. Il se trouvait dans ce parc un vieux kiosque qui devait être abattu et reconstruit dans un endroit où le point de vue était magnifique.

H. DE BALZAC.

#### 2. Translate into French:

- (a) I think it was Montesquieu who said "Let me make the songs of a people and you may make their laws." No doubt he meant that the influence which makes itself felt every day and all day produces a much greater effect than that which operates at rare moments, even if this latter be naturally stronger.
- (b) A man who never rests makes a great mistake. Napoleon used to spend whole days in the saddle, but he possessed extraordinary strength and he died comparatively young. If you wish to see your eightieth birthday, unite play and work. You have been told so often not to fail to add work to play that I hardly think it is necessary to repeat the advice here.
- 3. Write in the plural:—Tout le plateau que j'ai passé me paraît rempli de fleurs. C'est celui-ci qui me plaît le plus.
- 4. Write the five principal parts (primtive tenses) of the verbs in italics in 1 (a) and (b).
  - 5. Conjugate in full the preterite and past indefinite of s'élancer.
- 6. Illustrate by short sentences the construction required after the verbs:—craindre, vouloir, être, heureux, sembler, espérer, douter.
- 7. Explain fully the rules relating to the agreement of the past participle conjugated with avoir. Put past participles for infinitives

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in the following sentences:—Ces filles ont-elles voir mes frères? Non, elles ne les ont pas voir. Quelles fleurs avez-vous trouver? Celles que nous avons trouver sont perdre.

8. State fully the rules relating to the formation of adverbs in French. Derive adverbs from expres, immense, poli, gentil, impuni, fou, complet.

9. Reproduce in French a short story read aloud in English by the examiner.

#### Chemistry.1

FRIDAY, SEPTEMBER, 21st:—AFTERNOON 2 TO 5.

- 1. State what you know with regard to the chemistry of the atmosphere.
- 2. What elements constitute the chlorine family? Compare them as to properties.
- 3. Give the properties of carbon dioxide. How many litres of the gas are evolved when 100 grammes of calcium carbonate are dissolved in hydrochloric acid?
  - 4. Describe the preparation and properties of nitric acid.
- 5. Write chemical equations illustrating the changes that take place in any two of the following cases:—(a) When sodium is dropped upon water. (b) When ferrous sulphide is dissolved in dilute sulphuric acid. (c) When common salt and sulphuric acid are heated together.
  - 6. Explain the relationship of acids, bases and salts.
- 7. Give the formula of each of the following compounds:—Potassium chlorate, zinc sulphate, copper nitrate, nitrogen peroxide, salammoniac.
- 8. How is ordinary phosphorous prepared? How converted into red phosphorus? What are the distinctive properties of the two forms?
- 9. State what you know with regard to the properties and uses of sulphur dioxide.

#### Physics.

FRIDAY, SEPT. 21:—AFTERNOON 2 TO 3.30.

- 1. What is a molecule? How do you conceive the molecules to be behaving in (a) a block of ice, (b) the water formed when the ice is melted, (c) the steam generated when the water boils?
- 2. Arrange in order of hardness:—Quartz, Calcite, Topaz, Feldspar, Talc, Gypsum, Corundum.

- 3. Give instances of Ductility. Why are cables made of twisted iron wires instead of solid metal?
  - 4. State Boyle's Law.

A long U-shaped tube is filled with mercury to a certain height, and one end is then closed. Mercury is poured into the other limb till the enclosed air, which previously occupied 20 inches of the tube, has shrunk to 16.6 inches. The difference of level of the mercury in the two tubes is then found to be 5.8 inches. What is the height of the barometer?

5. An empty cubical box, one foot in the edge, is sunk till its base (horizontal) is 12 feet below the surface of a lake, by hanging to it a mass of lead. Calculate the total pressure (1) on its base, (2) on the top, and find their difference.

If the box weighs 18 lbs. in air, how much must the lead weigh in water just to keep it there? Would the same mass of lead hold it at 24 feet depth?

6. Describe Atwood's Machine.

If the two large weights are each 7.5 ounces, and the rider 1 ounce, how far will the weights travel in 2 seconds? If the rider is caught off at this point, how far will they travel in the next two seconds?

- 7. A weight of 240 lbs. is hung from a light pole 9 ft. long, at a distance of 4 ft. from one end. Two men lift the ends of the pole. How is the weight divided between them?
- 8. Draw a diagram of the apparatus for fixing the boiling point of a mercury thermometer, and point out the reasons for so constructing it.

Express 400° F. in centigrade degrees.

9. Explain why (a) you can feel a slight draught of air better by moistening the hand, (b) a greenhouse keeps plants warm though no fire be lit.

# McGill University.

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## FACULTY OF MEDICINE.

SESSION 1900-1901.

### HONOUR AND CLASS LISTS.

The total number of students registered in the Faculty of Medicine for the Session 1900-1901 was 490, made up as follows:—

	First Year	126
	Second Year	130
	Third Year	
	Fourth Voor	102
	Fourth Year	109
		467
	Graduates in attendance	23
	Total	490
1		
Of who	m there were from	
	Quebec	141
	Ontario	157
	New Brunswick	52
	British Columbia	13
	United States	47
	West Indies	4
	Nova Scotia and Cape Breton	29
	Prince Edward Island	27
	Manitoba and North-West Territories	4
	Newfoundland	9
	England and Ireland	4
		100
	China	2
	Japan	1
		1

## Final Year.

#### PRIZE LIST.

HOLMES GOLD MEDAL, for highest aggregate in all subjects form ing the McGill Curriculum.

R. H. KER, B.A., of Montreal.

FINAL PRIZEMEN, for highest aggregate in the Fourth Year subjects.

J. BRUCE, B.A., of Moncton, N.B.

CLEMESHA PRIZE, for Clinical Therapeutics.

L. F. ROBERTSON, B.A., of Stratford, Ont.

MCGILL MEDICAL SOCIETY SENIOR PRIZES,

1.—H. M. LITTLE, B.A., of London, Ont. 2.—C. K. RUSSEL, B.A., of Montreal, Que.

#### FOURTH YEAR.

#### HONOURS IN AGGREGATE OF ALL SUBJECTS.

7. Mackay, M., B.A. Bruce, J., B.A. 1. Campbell, R. P. B.A. 2. Ker, R. H., B.A. 8. 9. Leggett, T. H. Robertson, L. F., B.A. 10. Egan, W. J. Penner, E., B.A. Collison, H., McN. 11. Goodall, J. R., B.A. 5. Martin, E. A. Howard, A. C. P., B.A. 12.

#### HONOURS IN MEDICINE AND CLINICAL MEDICINE.

Robertson, L. F., B.A. 7. Collison, H., McN. 1. White, E. H., B.A. 8. 2. Ker, R. H., B.A. George J. D. 9. Bruce, J., B.A. 3. 10. Hope, J. T. Mackay, M., B.A. 4. Howard, A. C. P., B.A. 11. Richards, B.A.

Penner, E., B.A.

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	HONOURS	IN S	URGERY
1.	Bruce, J., B.A.	18.	
2.	Goodall, J. H., B.A.		Collison, H., McN.
3.	Martin, E.A.	19.	Winter, D. E.
4.	Collison, J.	20.	Redon, L. H., B.A.
5.		21.	Mullally, E. J.
0.	Ker, R. H., B.A.	22.	Johnson, A.
	Newcombe, W. E.		Rogers, H. B.
	Robertson, L. F., B.A.	25.	
8.	Howard, A. C. P., B.A.	0	Robidoux, L. E., B.A.
9.	Egan, W. J.	97	Wyman, H. B.
	McDonald, C. A.	27.	Gardner, L., B.A.
11.	George, J. D.		Mackay, M., B.A.
791		29.	Dalton, C. H.
10	Wilson, J. J.		Jones, S.
13.	Campbell, R. P., B.A.	31.	
	Leggett, T. H.		Wiley, B. E.
15.	Browne, J. G., B.A.	33.	
	Jackson C E	00.	Penner, E., B.A.

## HONOURS IN CLINICAL SURGERY.

35.

Russel, C. K., B.A.

Roberts, J.

J.
T., B.A.
M., B.A.
D. S. R. P., B.A.
M., B.A.
E. J.
., B.A.

Jackson, G. F.

Robertson, C. G.

### HONOURS IN OBSTETRICS.

<ol> <li>Ker, R. H., B.A.</li> <li>Egan, W. J.</li> <li>Collison, H.McN. Collison, J.</li> </ol>	6. 7.	Robertson, L. F., B.A. Penner, E., B.A. Campbell, R. P., B.A. Fuller, A. T., B.A.
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### HONOURS IN GYNAECOLOGY.

1.	Robertson, C. G.	6.	Egan, W. J.
2.	Stewart, C. J.		Ker, R. H., B.A.
3.	Bruce, J., B.A.	8.	Fuller, A. T., B.A.
	Penner, E., B.A.		Leggett, T. H.
	Goodall, J. R., B.A.	10.	Robidoux, L. E., B.A. Ellis, R. L.
			low.

## HONOURS IN GYNAECOLOGY.-Continued.

	1101100110		
12.	Wyman, H. B., B.A.	25.	Jackson, G. F.
13.	Duncan, J. W.	26.	Martin, E. A.
14.	Dalton, C. H.		Richards B.A.
11.	Gardner, R. L., B.A.	28.	Russel, C. K., B.A
	Wiley, B. E.	29.	McDonald, E. E.
17.	Campbell, R. P., B.A.	30.	Roberts, J.
18.	Collison, H., McN.	31.	MacNeill, J. W.
		32.	Macpherson, C.
19.	Robertson, L. F., B.A.		Mullally, E. J.
		34.	George, J. D.
21.	Browne, J. G., B.A.	35.	Newcombe, W. E.
22.	Howard, A. C. P., B.A.	50.	Shearer, R. L.
23.	Butler, P. E.		Direction, 201

Butler, P. E.

Fleming, J. E.

23.

## HONOURS IN OPHTHALMOLOGY.

Bruce, J., B.A.	8.	Hope, J. T. Ker, R. H. B.A.
Mackay, M., B.A. Goodall, J. R., B.A.	10.	Ellis, R. L.
Campbell, R. P., B.A. Browne, J. G., B.A.	12.	Fleming, J. E. George, J.D.
Moore, J. C., D.V.S. Stevenson, J., B.A.		Jackson, G. F. Learmonth, G. E., B.A.

## HONOURS IN PATHOLOGY.

1. 2.	Bruce, J. R., B.A. 8. Ker, R. H. B.A.	Howard, A. C. P., B.A. Richards, B.A. Little, H. M., B.A.
4. 5.	Penner, E., B.A. Egan, W. J. Goodall, J. R., B.A.	Robertson, L. F., B.A. Mackay, M., B.A.
7.	Martin, E. A. Jackson, G. F.	Newcombe, W E. Robertson, C. G. Rogers H. B.

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### PASS LIST.

#### FINAL SUBJECTS.

The following gentlemen, 93 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M., from the University. In addition to the primary subjects they have passed a satisfactory examination, both written and oral, in the following subjects:—Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Pharmacology and Therapeutics, Medical Jurisprudence and Practical and General Pathology and Hygiene, and also clinical examinations in Medicine, Surgery, Obstetrics, Gynaecology and Ophthalmology, conducted at the bedside in the hospital:—

Bayfield, T. F
Belanger, E. R Ottawa, Ont.
Blake, J. J
Browne, J. G., B.A Montreal, Que.
Bruce, J., B.A Moncton, N. B.
Butler, P. E Milltown, N.B.
Campbell, R. P., B.A Westmount, Que.
Carlyle, D. A Morewood, Ont.
Cartwright, C
Coates, H. W
Collison, H. Mc.N Dixon's Corners, Ont.
Collison, J
Crang, F. W Toronto, Ont.
Dalton, C. H Tignish, P.E.I.
Donaldson, A. S
Duncan, J. W Montreal, Que.
Egan, W. J Sydney Mines, N.S.
Ellis, R. L Youghall, N.B.
Fleming, J. E North Rustico, P.E.I.
Fuller, A. T., B.A
Gardner, R. L., B.A Brockville, Ont.
George, J. D.,
Goodall, J. R., B.A Ottawa, Ont.
Harley, R. J. O
Hope, J. T

doward, A. C. P., B.A Montreal, Que.
Hunter, E. N. McL
Jackson, G. F
Johnson, R. DeL., B.A Montreal, Que.
Johnston, A Leeds, Que.
Johnston, J. L
Jones, J. H
Jones, Sydney, B.A
Kendall, A. L
Ker, R. H., B.A Montreal, Que.
Lawlor, F. E
Learmonth, G. E., B.A Westmount, Que.
Leggett, T. H Ottawa, Ont.
Little, H. M., B.A London, Ont.
Little, H. M., B.A
Lunney, T. H
Mackay, D. S
Mackay, M., B.A
Mackenzie, S. D Sarnia, Ont.
Macneil, J. W. L
Macpherson, C
McDonald, C. A
McDonald, E. E
Martin, E. A
Meighen, W. A
Millar, S
Miller, G. H. S
Moore, J. C., D.V.S St. Chrysostome, Que.
Morgan, A. D.,
Mullaly, E. J
Newcombe, W. E Vancouver, B.C.
Niven, J. K London, Ont
O'Sullivan, M T Glace Bay, C.B.
Paterson, A., B.A Montreal, Que.
Penner, E., B.A Gretna, Man.
Pittis, H Plainfield, N.J., U.S.A.
Redon, L. H., B.A Victoria, B.C.
Richards, B. A
Roberts, J
Robertson, C. G
Roberston, L. F., B.A Stratford, Ont.
Robertson, R. D St. John, N.B.
Robidoux, L. E., B.A Shediac, N.B.
Rogers, H. B Peterboro, Ont.
Russel, C. K., B.A Montreal, Que.

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Russell, E. M
Rutherford, C. A
Ryan, W. T., B.A Fredericton, N.B.
Sanders, C. W
Shearer, C Kemptville, Ont
Shearer, R. I
Shearer, R. L
Simpson F. C. W. P
Simpson, E. G. W., B.A Lennoxville, Que.
Snyder, A. E. W
Stevenson I P.A
Covenson, J., B.A Montreal Que
Stewart, C. J
Stewart, C. A Dunyegan Cnt
Taylor, D. A
raylor, W. L Waterloo Que
ward, J. A Lewiston Maine USA
Winte, E. H., B.A Montreal Que
Wiley P. F. Wiley P.
Williams W Fredericton, N.B.
Wilmet LeB D
Wilnot, LeB. P Oromocto, N.B.
Winton D. F.
Winter, D. E
Wyman, H. B., B.A
Chute a Blondeau, Ont.

## ADVANCED COURSE IN LEGAL MEDICINE.

The following graduates having attended the Advanced Course in specialized medico-legal work during the past session and having passed examinations in the same, are entitled to special certificates.

	beccome to perce
Collison, H. McN.	Lunney, T. H.
Collison, J.	O'Sullivan, M. T
Egan, W. J.	Robertson, C. G.
Hope, J. T.	Stewart, C. J.
Hunter, E. N. McL.	Wiggin, W. I.
Johnston, J. A.	Williams, W.
Kendall, A. L.	Wilson, J. J.
Little, H. M. BA	

#### THIRD YEAR.

#### THIRD YEAR PRIZEMAN,

R. McL. VAN WART, B.A., of Fredericton, N.B.

### SOUTHERLAND MEDALLIST,

Dixon, W. E., B.A.

Green, F. W.

Manchester, J. W.

5.

9.

R. McL. VAN WART, B.A., of Fredericton, N.B.

### HONOURS IN AGGREGATE OF ALL SUBJECTS.

VanWart, R. McL., B.A. 6. Gardner, W. A., B.A. 7. Eastman, E. B. Paterson, R. C., B.A. 2. Manchester, J. W. 8. Campbell, A. 3. 9. Byers, J. R. Dixon, J. D., B.A. 4. 10. McKenzie, J. B., B.A.

### HONOURS IN HYGIENE AND BACTERIOLOGY.

10. Moffatt, G. VanWart, R. McL., B.A. 1. Morse, W. R., B.A. 11. 2. Gardner, W. A., B.A. Ames, C. A. 12. Byers, J. R. 3. 13. McGibbon, D. Eastman, E. B. 4. 14. Mason, F. C. Campbell, A. 5. 15. Cox, R. B. Lidstone, A. E. 6. 16. Hyatt, E. A., B.Sc. Dixon, J. D., B.A. 7. Stockwell, H. K. MacKinnon, G. E. L. 8.

### HONOURS IN PHARMACOLOGY AND THERAPEUTICS.

- 13. McGibbon, S. VanWart, R. McL., B.A. Mothersill, G. S. 14. Dixon, J. D., B.A. 15. Carter, W. LeM., B.A. Paterson, R. C., B.A. McKee, W. E. Campbell, J. A. E., B.A. McKenzie, J. B., B.A. Leney, J. M., B.A. 18. Byers, J. R. Campbell, A. 6. Mason, J. L. D., B.A. Dixon, W. E., B.A. Menzies, J. E.
- Ship, M. L., B.A. Walker, H., Jr., B.A. Gardner, W. A., B.A. 22. Peters, O. R. Moffatt, G. McNeill, J. F. 11.

### HONOURS IN OBSTETRICS.

VanWart, R. McL., B.A. 14. Curren, L. M. 1.

2. Hopkins, C. W.

3. Forster, J. F. C.

ingnound ...

4. Stockwell, H. K.

Paterson, R. C., B.A. 5.

6. Christie, F. J. Ferguson, W. H., B.A. Mothersill, G. S.

9. Hyatt, E. A., B.Sc.

10. Campbell, A. Johnson, J. A., B.A. Lidstone, A. E.

Macnaughton, J. A.

Folkins, H. G. Peters, O. R. Ship, M. L., B.A.

18. Campbell, J. A. E., B.A. Dorion, W. A. Leney, J. M., B.A. Morse, W. R., B.A. Smith, T. W.

Williams, R. W. 24. Ames, C. A.

Dixon, W. E., B.A. Grant, W. W.

Hollingsworth, J. E. Pavey, H. L.

### HONOURS IN CLINICAL SURGERY.

15.

16.

1. Dixon, J. D., B.A. Mothersill, G. S. Paterson, R. C., B.A.

4. Coleman, C. E.

8.

Ames, C. A. Cram, W. J. VanWart, R. McL., B.A.

Dixon, W. E., B.A. Johnson, J. A., B.A.

McGibbon, D.

Mason, E. G.

Saunders, W. E. Ship, M. L., B.A.

14. Baillie, S.A., B.A. Byers, J. R. Campbell, A.

Campbell, J. A. E., B.A.

Colby, J. C., B.A. Dorion, W. A.

Eastman, E. B. Gardner, W. A., B.A.

McGibbon, S.

McKenzie, J. B., B.A. Morse, W. R., B.A.

Pickard, L. N.

Smith, T. W.

Ames, A. C.

Cox, R. B.

Walker, H., Jr., B.A. HONOURS IN CLINICAL CHEMISTRY.

Ritchie, C. F. P. B.A.

1. McKee, W. E.

Moffatt, G. Paterson, R. C., B.A.

4. Baillie, S. A.

5. Chirstie, F. J. Gardiner, R. J. Lidstone, A. E.

Mackinnon, G. E. L. Codrington, R. F.

Coleman, C. E.

Evans, S.

Hyatt, E. A., B.Sc.

Menzies, J. E. Mothersill, G. S. Dixon, J. D., B.A. Grant, W. W.

Johnston, G. R. Manchester, J. W.

Cantlie, F. P. L.

Tracy, E. A., B.A.

VanWart, R. McL., B.A.

Walker, H., Jr., B.A.

### HONOURS IN MEDICAL JURISPRUDENCE.

Campbell, A. 1.

2. Ames, C. A. VanWart, R. McL., B.A.

Curran, L. M. 4.

Mackinnon, G. E. L. 5.

Byers, J. R. 6. Dorion, W. A.

Colby, J. C., B.A. 8. Dixon, J. D., B.A. Gardner, W. A., B.A. henry, C. M. Irwin, F. Maclaren, A. H., B.A. McKee, W. E. Mason, J. L. D., B.A. Paterson, R. C., B.A. Stockwell, H. K.

### HONOURS IN MENTAL DISEASES.

Dixon, W. E., B.A. 1.

Campbell, A. 2. VanWart, R. McL., B.A.

Blair, A. K.

4. Hopkins, C. W. King, R., B.A.

McKenzie, J. B., B.A.

Leney, J. M., B.A. 8.

Paterson, R. C., B.A. 9. Ship, M. L., B.A.

Williams, R. G. 11.

Halliday, J. LeR. 12. McKee, W. E.

Smith, T. W.

Christie, F. J. 15.

Campbell, J. A. E., B.A. 16. Hyatt, E. A., B.Sc. Lomas, A. J.

McGibbon, S. 19.

Carnochan, W. L. C. 20. Eastman, E. B. Mason, J. L. D., B.A. Peters, O. R. Turner, G. H.

### HONOURS IN CLINICAL MEDICINE.

Manchester, J. W. 1.

Gardner, W. A., B.A. 2. Menzies, J. E. Paterson, R. C., B.A.

Morse, W. R., B.A. 5.

McKenzie, J. B., B.A. 6.

McNeill, J. F.

Dixon, W. E., B.A. VanWart, R. McL., B.A.

10. Evans, S.

Lomas, A. J. 11.

Macnaughton, J. A.

Dorion, W. A. 13.

Peters, O. R. 14.

Leney, J. M., B.A. 15. Mason, E. G. Smith, F. W. Walker, H., Jr., B.A.

Mothersill, G. S. 19.

Mason, J. L. D. 20.

Ferguson, W. H., B.A. 21. McGibbon, S.

Hollingsworth, J. E. 23. Moffatt, G.

Pickard, L. N.

Dixon, J. D., B.A. 26. Harris, L. C. Lidstone, A. E.

> McKee, W. E. Martin, H. E. Mason, F. C.

Pratt, C. M.

#### HONOURS IN PATHOLOGY

	IN TATHOLOGI.			
1.	Campbell, Alex.	11.	McGibbon, S.	
2.	Eastman, E. B.	12.	Morse, W. R., B.A.	
3.	VanWart, R. McL., B.A.	13.		
4.	Ritchie, C. F. P., B.A.		McKenzie, J. B., B.A.	
5.	Dixon, W. E., B.A.	15.	Cox, R. B.	
-	Manchester, J. W.	16.	Gardner, W. A., B.A.	
7.	Paterson, R. C., B.A.		Mason, J. L. D., B.A.	
	Pickard, L. N.		Russell, E. M	
9.	Campbell, J. A. E., B.A.	19.	Christie, F. J.	
	Dixon, J. D., B.A.			

### THIRD YEAR. PASS LIST.

#### All Subjects.

The following students, 90 in number, have passed in all the subjects of the Third Year, viz.: Pathology, Pharmacology and Therapeutics, Hygiene and Bacteriology, Medical Jurisprudence, Mental Diseases, Medicine, Surgery, Clinical Chemistry and Obstetrics.

Ames, C. A. Anthony, T. B. Baillie, S. A., B.A. Bayfield, T. F. Byers, J. R. Callbeck, A. DesB. Campbell, A. Campbell, J. A. E., B.A. Christie, F. J. Colby, J. C., B.A. Cox, R. B. Crang, F. W. Curren L, M. Dixon, J. D., B.A. Dixon, W. E., B.A. Dorion, W. A. Eastman, E. B. Evans, S. Featherston, H. C. Ferguson, W. H., B.A. Folkins, H. G. Forster, J. F. C. Gardner, W. A., B.A. Green, F. W. Halliday, J. LeR.

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McGibbon, D. McGibbon, S. McKee, W. E. McKenzie, J. B., B.A. McNeill, J. F. Macdonald, A. A. Maclaren, A. H., B.A. Macnaughton, J. A. Macneill, J. W. Manchester, J. W. Mason, E. G. Mason, J. LeD., B.A. May, L. W. Meighen, W. A. Menzies, J. E. Millar, S. Moffatt, G. Morgan, A. D. Morrison, J. F. Morse, W. R., B.A. Mothersill, G. S. Mullally, E. J. Newcombe, W. E. Niven, J. K. O'Sullivan, M. T.

Harris, L. C. Hart, F. W., B.A. Hollingsworth, J. E. Hopkins, C. W. Howard, A. C. P., B.A. Hughes, R. E. Hunter, E. N. McL. Hyatt, E. A., B.Sc. Johnson, G. R., B.A. Johnson, J. A., B.A. Johnson, R. DeL. Johnston, J. L. Jones, J. H. Jones, N. C. Lawlor, F. E. Learmonth, G. E., B.A. Leney, J. M., B.A. Lomas, A. J. McDonald, C. A. McDonald, E. E. McDonald, P. A., B.A.

Paterson, R. C., B.A. Pavey, H. L. Peters, O. R. Picard, L. N. Pratt, C. M. Ritchie, C. F. P., B.A. Roberts, A. B. Russell, E. M. Rutherford, C. A. Ryan, W. T. Ship, M. L., B.A. Simpson, S. Smith, T. W. Stentaford, G. L. Stewart, C. A. Stockwell, H. K. VanWart, R. McL., B.A. Walker, H., Jr., B.A. Wilkins, F. F. Williams, R. G. Wilmot, LeB. B.

In addition to those whose names appear on the above list, as having passed in all the subjects of the Third Year, the following have passed in:-

#### MATERIA MEDICA.

Carter, W. LeM., B.A. Donovan, J. B. Henry, C. M. Codrington, R. F. Igoe, O. A. Coleman, C. E. Cram, W. J. Martin, H. E.

Ness, W. Tanner, C. A. H. Tolmie, J. A. MacKinnon, G. E. L. Warren, J. G.

Palmer, G. H.

Saunders, W. E.

Thomas, J. W., B.A.

#### PATHOLOGY.

Blair, A. K. Cantlie, F. P. L. Carnochan, W. L. C. Henry, C. M. Carter, W. LeM., B.A. Irwin, F. Codrington, R. F. Coleman, C. E. Cram, W. J.

Donovan, J. B. Gardiner, R. J.

Tolmie, J. A. Tracy, E. A., B.A. Lidstone, A. E. MacKinnon, G. E. L. Warren, J. G. McGrath, R. H.

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### HYGIENE AND BACTERIOLOGY.

Anton, D. L.

Cullen, W. H.

Blair, A. K.

Gardiner, R. J.

Blair, H. G. F.

Cantlie, F. P. L.

Carnochan, W. L. C.

Carter, W. LeM., B.A.

Codrington, R. F.

Carden, W. J.

Mason, F. C.

Mason, F. C.

Mason, F. C.

Saunders, W. E.

Thomas, J. W. B.A.

Tolmie, J. A.

Codrington, R. F.

MacKinnon, G. E. L.

Tracey, E. A., B.A.

Cram, W. J.

MacGrath, R. H.

Warren, J. G.

### MEDICAL JURISPRUDENCE.

Blair, A. K. Cullen, W. H. Ness, W. Blair, H. G. F. Gardiner, R. J. Palmer, G. H. Boire, W. E. Grant, W. W. Pilot, F. W. H. (writ-Cantlie, F. P. L. Henry, C. M. ten only) Carnochan, W. L. C. Irwin, F. Scott, W. Carter, W. LeM., B.AKing, R., B.A. Tanner, C. A. H. Codrington, R. F. MacKinnon, G. E. L. Thomas, J. W., B.A. Coleman, C. E. McGrath, R. H. Tolmie, J. A. Cram, W. J. Martin, H. E. Tracy, E. A., B.A. Crowell, B. C., B.A. Mason, F. C.

#### MENTAL DISEASES.

Anton, D. L. Gardiner, R. J. Mason, F. C. Blair, A. K. Grant, W. W. Ness, W. Blair, H. G. F. Henry, C. M. O'Brien, C. W. Cantlie, F. P. L. Hutchinson, J. W. Palmer, G. H. Carnochan, W. L. C. Igoe, O. A. Tanner, C. A. H. Carter, W. LeM., B.A. Irwin, F. Thomas, J. W., B.A. Codrington, R. F. King, R., B.A. Tolmie, J. A. Coleman, C. E. MacKinnon, G. E. L. Tracy, E. A., B.A. Cram, W. J. McGrath, R. H. Turner, G. H. Cullen, W. H. Martin, H. E.

#### CLINICAL MEDICINE.

Anton, D. L. Gardiner, R. J. Mason, F. C.
Blair, A. K. Grant, W. W. Ness, W.
Blair, H. G. F. Lidstone, A. E. Saunders, W. E.
Cantlie, F. P. L. McGrath, R. H. Tracy, E. A., B.A.
Codrington, R. F. Martin, H. E. Warren, J. G.
Coleman, C. E.

#### CLINICAL SURGERY.

McGrath, R. H. Cullen, W. H. Anton, D. L. Martin, H. E. Gardiner, R. J. Blair, A. K. Mason, F. C. Grant, W. W. Blair, H. G. F. Ness, W. Henry, C. M. Cantlie, F. P. L. Saunders, W. E. Carnochan, W. L. C. Igoe, O. A. Symmes, C. R. Carter, W. LeM., B.A. Irwin, F. Lidstone, A. E. Tolmie, J. A. Codrington, R. F. MacKinnon, G. E. L. Tracy, E. A. B.A. Coleman, C. E. Cram, W. J.

#### CLINICAL CHEMISTRY.

Mason, F. C. Douglas, F. C. Anton, D. L. Ness, W. Dowson, C. K. Bishop, L. C. Palmer, G. H. Gradiner, R. J. Blair, A. K. Pilot, F. W. H. Grant, W. W. Blair, H. G. F. Saunders, W. E. Henry, C. M. Cantlie, F. P. L. Scott, W. Carnochan, W. L. C. Igoe, O. A. Scriver, E. F. Carter, W. LeM., B.A. Irwin, F. Thomas, J. W., B.A. Lidstone, A. E. Codrington, R. F. MacKinnon, G. E. L. Tolmie, J. A. Coleman, C. E. Tracy, E. A., B.A. Cram, W. J. McGrath, R. H. Warren, J. G. Martin, H. E. Cullen, W. H.

#### OBSTETRICS.

Henry, C. M. Blair, A. K. Igoe, O. A. Blair, H. G. F. Irwin, F. Cantlie, F. P. L. Carnochan, W. L. C. Lidstone, A. E. Carter, W. LeM., B.A. MacKinnon, G. E. L. Thomas, J. W., B.A. McGrath, R. H. Cram, W. J. Martin, H. E. Cullen, W. H. Grant, W. W.

Mason, F. C. Ness, W. Palmer, G. H. Saunders, W. E. Tolmie, J. A. Tracy, E. A., B.A.

## SECOND YEAR.

### PRIZES AND HONOURS.

SECOND YEAR PRIZEMAN,

E. M. McLaughlin, of Winona, Minn.

SENIOR ANATOMY PRIZE,

N. D. PARRIS, of Barbadoes, W.I.

McGILL MEDICAL SOCIETY JUNIOR PRIZES,

1.-J. L. D. Mason, B.A., of Montreal, Que.

2.-J. C. Colby, B.A., of Stanstead, Que.

## HONOURS IN AGGREGATE OF ALL SUBJECTS.

- 1. McLaughlin, E. M.
- 2. Nelson, W. E.

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- 3. Burns, A. S., B.A.
- 4. Elder, R., B.A.
- Parris, N. D.
- 6. Cowperthwaite, H. H.
- 7. McKenzie, J. B., B.A.
- 8. English, J. M.
- 9. McCulloch, J. M.
- 10. Turner, G. H., B.A.

### HONOURS IN PHYSIOLOGY.

- 1. Anderson, C. W., B.A.
- 2. Nelson, W. E.
- 3. Parris, N. D.
- 4. Morris, S. C.
- 5. Cowperthwaite, H. H.
- 6. Elder, R., B.A. McLaughlin, E. M.
- 8. Burns, A. S., B.A.
- 9. English, J. M.
- 10. McEwen, J. R.
- 11. Ells, R. H., B.A. King, R., B.A.
  - Willmore, J. G.

### HONOURS IN PRACTICAL CHEMISTRY.

- 1. Parris, N. D.
- 2. Willmore, J. G.
- 3. Kissane, J. W.
- 4. Lauchland, L. C., B.A. Montgomery, C. H.
- 6. Burns, A. S., B.A. Miller, V. L., B.A.
  - Sellery, A. C.

- 9. O'Neill, J. M.
- 10. Briggs, J. A.
- 11. Cowperthwaite, H. H. Faulkner, J. A., B.A.
  - McEachern, I. W. T. McIntosh, J. A.
- 15. Covernton, C. F.
- 16. Markson, S.

## HONOURS IN PRACTICAL CHEMISTRY. -Continued.

- Donnelly, W. H. 17. Forbes, R. D. Harrison, L. L., B.A. Kenny, R. W.
- Anderson, C. W., B.A. 21. Frost, A. C.
- Bentley, J. S. 23.
- Munroe, H. E. 24. Peterson, G. R.

Fyshe, J. C., A.B. Hawker, J. E. Langsford, A. W. Patch, F. S., B.A. Rehfuss, W. N.

Pavey, C. A. 31. Slack, M. R. Taggart, E. A.

### HONOURS IN HISTOLOGY. 19.

- Burns, A. S. 1. Cowperthwaite, H. H. McCulloch, J. M.
- McKechnie, D. W. 4.
- Elder, R., B.A. 5. Parris, N. D.
- O'Neill, J. M.

18.

- 7. Macdonald, R. St.J., B.A. 8. McLaren, D. D. McLaughlin, E. M. Maby, W. J. Morris, S. C. Nelson, W. E. Rehfuss, W. N. Secord, W. H. Steeves, E. O. Thomas, S. B. Magee, C. F.
- Allum, A. W. Anderson, C. W., B.A. Andrews, J. J. Auston, J. B. Church, H. C. Croft, L. V. Dickson, A. J., B.A. English, J. M. Fisher, F., B.A. Fortin, C. E. F., B.A. Hansen, N. C., M.A. King, R., B.A. Lamb, W. V. Laurie, E., B.A. Lyman, W. S. Lynch, A. L. McEachern, I. W. T. McIntosh, J. A. Murray, J. S. Nelson, J. S. Puddington, B.A. Teitelbaum, T. A.

### HONOURS IN PHARMACOLOGY.

- Willmore, J. G. 1.
- McLaughlin, E. M. 2.
- McEwen, J. R. 3.
- Turner, G. H., B.A. 4.
- English, J. M. 5.
- Secord, W. H. 6.
- McEachern, I. W. T. 7.
- Burns, A. S., B.A. 8.
- Langsford, A. W. 9. McIntosh, H. H.

- Macdonald, R. St.J., B.A. 11. McCulloch, J. M.
  - Parris, N. D. Morris, S. C.
- 14. Laurie, E., B.A. 15.
- Nelson, W. E. Cowperthwaite, H. H. 17. Elder, R., B.A.

### HONOURS IN CHEMISTRY.

1.	Nelson,	W.	E.
2.	Auston,	J.	B.

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3. Elder, R., B.A. Ells, R. H., B.A. Montgomery, C. H.

6. Sellery, A. C.

7. Burns, A. S., B.A.

8. McCulloch, J. M.

9. Cowperthwaite, H. H. Croft, L. V., B.A.

Magee, C. F.

12. McIntosh, H. H.

13. McKechnie, D. W. Miller, V. L. Willmore, J. G.

16. Thomas, S. B.

### HONOURS IN ANATOMY.

1. Nelson, W. E.

2. Burns, A. S., B.A.

3. Elder, R., B.A. McLaughlin, E. M.

5. English, J. M.

6. Parris, N. D.

7. Cowperthwaite, H. H.

8. McCulloch, J. M.

9. Freeze, E. H.

10. McEwan, J. R.

11. Rehfuss, W. N.

12. Hutchinson, J. W.

13. Morris, S. C.

Steeves, E. O. Turner, G. H., B.A.

### SECOND YEAR. PASS LIST.

#### All Subjects.

The following gentlemen, 92 in number, have completed their Second Year Examinations, which comprise the following subjects:—Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Practical Physiology, Histology and Materia Medica.

Anderson, C. W., B.A.

Andrews, J. J.

Anthony, T. B.

Auston, J. B.

Blair, A. K.

Blair, H. G. F.

Blake, J. J.

Boyd, O.

Briggs, J. A.

Burns, A. S., B.A.

Campbell, W. G.

Cantlie, F. P. L.

Chaplin, H. L. S.

Church, H. C.

Cowperthwaite, H. H.

Cumming, W. G., B.A.

McGrath, F. C.

McIntosh, H. H.

McIntosh, J. A.

McKechnie, D. W.

McKenzie, J. B., B.A.

McLaren, D. D'.

McLaughlin, E. M.

McPherson, T.

Macdonald, A. A.

Macdonald, R. St.J.

Macpherson, C.

Maby, W. J.

Magee, C. F.

Martin, H. E.

Mason, F. C.

May, L. W.

Dickson, A. J., B.A. Donnelly, W. H. Ebbett, L. P. Elder, R., B.A. Ells, R. H., B.A. English, J. M. Featherston, H. C. Forbes, R. D. Gale, W. P. Grant, W. W. Halliday, J. LeR. Hansen, N. C., M.A. Hardisty, R. H., B.A. Hart, F. W., B.A. Hollingsworth, J. E. Hughes, R. E. Hyatt, E. A., B.Sc. Irwin, F. Jones, N. C., B.A. Kenny, R. W. King, R., B.A. Kissane, J. W. .Langsford, A. W. Laurie, E., B.A. Lomas, A. J. Lynch, A. L. McCulloch, J. M. McDonald, S. H., B.A. McEachern, I. W. T. McEwen, J. R.

Meindl, A. G. Mitchell, I. E. Montgomery, C. H. Morris, S. C. Moses, H. C. Murray, J. S. Nelson, W. E. O'Brien, C. W., B.A. O'Neill, J. M. Park, A. W. Parris, N. D. Patch, F. S., B.A. Pavey, H. L. Peterson, G. R. Rehfuss, W. N. Ritchie, C. F. Roberts, A. B. Ryan, W. T. Secord, W. H. Steeves, E. O. Stewart, C. A. Strong, N. W. Taggart, E. A. Taylor, D. A. Thomas, S. B. Tracy, E. A., B.A. Turner, G. H., B.A. White, P. G. White, S. G. Williams, R. G.

In addition to those whose names appear on the above list, having passed in all subjects of the Second Year, the following have passed in:—

#### MATERIA MEDICA.

Fortin, C. E. F., B.A. Lyman, W. S. Allan, R. Munro, J. H. Freeze, E. H. Bishop, G. A. Ness, W. Frost, A. C. Bromley, J. E. O'Brien, C. W., B.A. Brooks, J. E., B.A. Gilmore, C. R. Puddington, B.A. Hawker, J. E. Chamberlain, H. B. Scott, W. Hynes, W. T. Crowell, B. C. Wilmore, J. G. Kerr, H. H. Doyle, F. H. Faulkner, J. A., B.A. Lundie, J. A., B.A.

### HISTOLOGY.

Allan, R. Allum, A. W. Bailey, G. W. Bishop, G. A. Blakeman, F. W. Bromley, J. E. Brooks, J. E., B.A. Cary, W. H. Chamberlain, H. B. Chandler, E. C. Croft, L. V., B.A. Dickson, W. H. Doyle, F. H. Fisher, F., B.A.

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Frost, A. C. Gillis, J. H. Gow, R. J. Hutchinson, J. W. Hynes, W. T. Inksetter, F. S. Kerr, H. H. Lamb, W. V. Lundie, J. A., B.A. Lyman, W. S. MacKenzie, W. A. McDiarmid, C. A. McGuigan, J. D. Munro, J. H. Fortin, C. E. F., B.A. Munroe, H. B., B.A.

Munroe, H. E. Nelson, J. S. Pavey, C. A. Puddington, B. A. Rawlings, W. T. Robertson, W. G. Seifert, F. W., B.A. Shillington, R. N. W. Slack, M. R. Smith, C.M. Teitelbaum, T. A. Truax, W. Wilmore J,. G. Wilson, A. Wilson, C. E.

### ANATOMY.

Allan, R. Allum, A. W. Bailey, G. W. Bishop, G. A. Boulter, J. H. Brooks, J. E., B.A. Crosby, P. C. Dickson, W. H. Doyle, F. H. Ford, W. S. Fortin, C. E. F., B.A. Munro, J. H.

Freeze, E. H.

Freeze, E. H. Frost, A. C. Gilmour, C. R. Gow, R. J. Horsfall, F. L., B.A. Hutchinson, J. W. Lamb, W. V. Lyman, W. S. MacKenzie, W. A. McGuigan, J. D.

Munroe, H. E. Nelson, J. S. Puddington, B.A. Scott, W. Seifert, F. W., B.A. Shillington, R. N. W. Slack, M. R. Smith, C. M. Truax, W. Wilson, A. Wilson, C. E.

#### PHYSIOLOGY.

Allan, R. Allum, A. W. Bailey, G. W. Bishop, G. A. Boulter, J. H. Carnochan, W. L. Chandler, E. C. Croft, L. V., B.A. Dowson, C. K.

Doyle, F. H. Freeze, E. H. Gillis, J. H. Hutchinson, J. W. Hynes, W. T. Kerr, H. H. Lyman, W. S. McDiarmid, C. A. McGuigan, J. D.

Munroe, H. B., B.A. Munroe, H. E. Netten, P. E. Puddington, B.A. Slack, M. R. Smith, C. M. Truax, W. Wilmore, J. G. Wilson, A.

#### CHEMISTRY.

Ainley, W. E., B.A. Anton, D. L. S. Blakeman, F. W. Brooks, J. E., B.A. Chandler, E. C. Covernton, C. F. Croft, L. V., B.A. Fisher, F., B.A. Frost, A. C. Gow, R. J.

Murphy, H. H. Harrison, L.L., B.A. Nelson, J. S. Kerr, H. H. Sellery, A. C. Lamb, W. V. Lauchland, L. C., B.ASlack, M. R. Smith, C. M. Lundie, J. A., B.A. Snetsinger, H. W. McDiarmid, C. A. Truax, W. Markson, S. Willmore, J. G. Miller, V. L., B.A. Wilson, A. Munroe, H. B., B.A. Munroe, H. E.

## PRACTICAL CHEMISTRY.

Allan, R. Allum, A. W. Bentley, J. S., B.A. Blakeman, F. W. Bromley, J. E. Brooks, J. E., B.A. Chamberlain, H. B. Covernton, C. F. Croft, L. V., B.A. Crosby, P. C. Doyle, F. H. Faulkner, J. A., B.A. MacKenzie, W. A. Fisher, F., B.A. Ford, W. S. Fortin, C. E. F. Freeze, E. H. Frost, A. C. Fyshe, J. C., A.B.

Gillis, J. H. Gow, R. J. Harrison, L. L., B.A. Hawker, J. E. Hynes, W. T. Inksetter, F. S. Kerr, H. H. Lamb, W. V. Lauchland, L. C., B.ARobertson, W. G. Lundie, J. A., B.A. Lyman, W. S. McDiarmid, C. A. McGuigan, J. D'. McNeill, W. C. Markson, S. Miller, V. L., B.A. Munro, J. H.

Munroe, H. B., B.A. Munroe, H. E. Murphy, H. H. Nagle, S. M. Nelson, J. S. Ness, W. Pavey, C. A. Puddington, B. A. Seifert, F. W., B.A. Sellery, A. C. Slack, M. R. Smith, C. M. Sweeney, J. L. Truax, W. Willmore, J. G. Wilson, A. Wood, H. G.

### FIRST YEAR.

### PRIZES AND HONOURS.

FIRST YEAR PRIZEMAN,

Junnania -

J. A. NUTTER, B.A., of Montreal.

### JUNIOR ANATOMY PRIZE,

Lippiatt, H. T.

15.

Keys, M. J.

J. L. ROBINSON, of St. Mary's, Ont.

## HONOURS IN AGGREGATE OF ALL SUBJECTS.

1. Nutter, J. A., B.A. 10. McLachlan, D. C. McIntosh, L. deC. 2. Martin, J. C. 3. Robinson, J. L. 14. Miller, V. L., B.A. 4. Sellery, A. C. 13. Harrison, L. L., B.A. 5. Fyshe, J. C., A.B. Reford, L. L. 6. Dillon, W. P. 15. Gillis, J. E. Wood, W. H. 16. Charman, F. D. 8. Chipman, W. W.

### HONOURS IN CHEMISTRY.

McKenty, F.

1. Lippiatt, H. T. 16. Charman, F. D. Nutter, J. A., B.A. Coffin, J. W. 3. Dillon, W. P. McLachlan, D. C. 4. McIntosh, L. deC. Dunn, J. F. 5. Miller, V. L., B.A. 20. Blanchet, S. F. N. 6. Cook, W. J. Crack, I. E., B.A. Bentley, J. S., B.A. Faulkner, J. A., B.A. Chipman, W. W. Mackenzie, A. B. 9. Martin, J. C. Wilson, O. M. Reford, L. L. 25. Fyshe, J. C., A.B. Alford, H. J. Geddes, R. W., B.A. Wood, W. H. Yeo, I. J. Harrison, L. L., B.A. 13. 28. Ainley, L. T., B.A. Sellery, A. C. Judson, A. H.

#### HONOURS IN BACTERIOLOGY.

- Nutter, J. A., B.A. 1.
- 2. Fyshe, J. C., A.B.
- Lippiatt, H. T. 8.
- 4. Robinson, J. L.
- McIntosh, L. deC. 5. Reford, L. L.
- Chipman, W. W. Gillis, J. E. Sellery, A. C.

- Dillon, W. P. 10.
  - Lauchland, E. C., B.A.
- Styles, W. A. L. 12.
- Harrison, L. L., B.A. 13.
- 14. Martin, J. C.
- McLachlan, D'. C. 15.

#### HONOURS IN BIOLOGY.

- Nutter, J. A., B.A. 1. Shaw, D.
- Robinson, J. L. 3.
- 4. Martin, J. C.
- Fyshe, J. C., B.A. 5.
- 6. McIntosh, L. deC.
- 7. Chipman, W. W.
- 8. Dillon, W. P. Sellery, A. C.
- McLeod, J. A. 10. McLachlan, D. C.

- 12. Douglas, E. D., B.A. Gillis, J. E. Reford, L. L.
- 15. Meakins, J. C.
- 16. Coffin, J. W. Miller, V. L., B.A.
  - Yeo, I. J.
- Charman, F. D. 19. Rankin, A. C.

#### HONOURS IN PHYSIOLOGY.

- Nutter, J. A., B.A. 1. Wood, W. H.
- McIntosh, L. deC. 3.
- Sellery, A. C. 4.
- Lippiatt, H. T. 5.
- Fyshe, J. C., A.B. 6.
- Ainley, W. E., B.A. 7. Yorston, F. P.
- Geddes, R. W., B.A. 9.
- 10. Crowell, B. C., B.A. Dillon, W. P. McLachlan, D. C.
- Dunn, J. F. 13. Robinson, J. L.

- 15. Ford, H. S.
- 16. Blanchet, S. F. N.
  - Charman, F. D.
  - Crack, I. E., B.A.
  - Fisher, F., B.A.
  - Greenwood, W. T.
  - Hotchkiss, E. A.
  - Johnson, J. G. W., B.A.
  - Lincoln, W. A.
  - McKenty, F.
  - Martin, J. C.
  - Pruyn, W. G.
  - Rankin, A. C.

# HONOURS IN HISTOLOGY.

- 1. Faulkner, J. A., B.A.
  Quain, B. P.
  Robinson, J. L.
- 4. McLachlan, D. C.

Minnenna.

- 5. Cook, W. J.
  Lincoln, W. A.
  McKenty, F.
  Miller, V. L., B.A.
  Nutter, J. A., B.A.
  Rankin, A. C.
  Richardson, C. A.
- 12. Gibson, G. M. Pruyn, W. G.
- 14. Blanchet, S. F. N.
  Coffin, J. W.
  Ernandez, J. A.
  Geddes, R. W., B.A.
  Gibson, R.
  Harrison, L. L., B.A.
  Johnson, J. G. W., B.A.
  Martin, J. C.
  Wilson, O. M.
  Wood, W. H.

- 24. Chipman, W. W.
  Crowell, B. C., B.A.
  Eaton, C. E.
  Hotchkiss, E. A.
- 28. Ainley, L. T.
  Crack, I. E., B.A.
  Douglas, E. D., B.A.
  Dunn, J. F.
  Gillis, J. E.
  Lawson, G. E.
  Lippiatt, H. T.
  Miller, C.
  Reford, L. L.
  Stewart, J. A.

# HONOURS IN ANATOMY.

- 1. Gillis, J. E. Miller, V. L., B.A.
- 3. Wood, W. H.
- 4. Kerr, H. H. McKenty, F.
- 6. Robinson, J. L. Sellery, A. C.
- 8. Chipman, W. W.
  Dillon, W. P.
  Lippiatt, H. T.
- 11. Stewart, J. A.
- 12. Nutter, J. A., B.A.
- 13. Coffin, J. W.
  Geddes, R. W., B.A.
  McIntosh, L. deC.
  Wright, G. A.
- 17. Willmore, J. G.

- 18. Fyshe, J. C., A.B.
- 19. Dunn, J. F.
  Lauchland, L. C., B.A.
  Lincoln, W. A.
  McLachlan, D. C.
  Reford, L. L.
  Rogers, J. T., B.A.
  Warwick, W.
  Yeo, I. J.
- 27. Gibson, G. M.
  Hogan, F. J.
  Quain, B. P.
  Rankin, A. C.
  Richardson, C. A.
  Sims, H. A.
  Yorston, F. P., M.A.

# HONOURS IN PRACTICAL CHEMISTRY.

- 1. Bentley, J. S., B.A.
  Coffin, J. W.
  Fyshe, J. C., A.B.
  Geddes, R. W., B.A.
  Quain, B. P.
  Robinson, J. L.
  Yeo, I. J.
  8. Greenwood, W. T.
- Hand, W. T.
  McIntosh, L. deC.
  McKenty, F.
  Price, J.
  Richardson, C. A.
  Sellery, A. C.
- 15. Faulkner, J. A., B.A. Lincoln, W. A.

- 17. Laughlan, L. C., B.A.
  Miller, V. L., B.A.
  Wood, W. H.
- 20. Charman, F. D. McLeod, W. A. Warwick, W.
- 23. Hotchkiss, E. A., B.A. McLachlan, D. C.
- 25. Dillon, W. P.
  Douglas, E. D., B.A.
  Gilroy, J. R.
  Mackenzie, A. B.
  McInerney, D. C.
- 30. Hogan, F. J. Stewart, J. A.

#### FIRST YEAR. PASS LIST.

#### All Subjects.

The following students, 115 in number, have passed the examination in all the subjects of the First Year, viz.:—Anatomy, Chemistry and Physics, Physiology, Histology, Biology and Practical Chemistry.

Ainley, L. T., B.A. Ainley, W. E., B.A. Alford, H. J. Atkinson, H. S. Bailey, G. W. Bentley, J. S., B.A. Black, C. Blanchet, S. F. N. Bonin, P. R. Bromley, J. E. Cary, W. H. Chamberlain, H. B. Chaplin, H. L. Charman, F. D. Chipman, W. W. Coffin, J. W. Cook, W. J.

Lawson, G. E. Lincoln, W. A. Lippiatt, H. T. Losier, A. J. McDonald, S. H., B.A. McGeachy, J. A. M. McGrath, F. C. McInerney, D. C. McIntosh, L. deC. McKenty, F. McLachlan, D. C. McLeod, J. A. Mackenzie, A. B. Martin, J. C. Meakins, J. C. Miller, C. Miller, V. L., B.A.

Crack, I. E., B.A. Crowell, B. C., B.A. Cunningham, F. J. Dickson, A. J. Dillon, W. P. Douglas, E. D., B.A. Doyle, F. H. B.A. Dunn, J. F. Eaton, C. E. Ernandez, J. A. Faulkner, J. A., B.A. Featherston, H. C. Fisher, E. M. Fisher, F., B.A. Ford, H. S. Fortin, C. E. F., B.A. Fraser, S. Fyshe, J. C., A.B. Geddes, R. W., B.A. Gibson, G. M. Gibson, R. Gillis, J. E. Gillis, J. H. Gilroy, J. R. Gormely, J. C. Graham, R. W. Grant, N. P. Greenwood, W. T. Gurd, R. D. Harrison, L. L., B.A. Hawker, J. E. Hogan, F. J. Hotchkiss, E. A. Howitt, H. O. Johnson, J. G. W., B.A. Judson, A. H. Kerr, H. H. Keys, M. J. King, R., B.A. Lamb, W. V. Lauchland, L. C., B.A.

mannana.

Moore, P. C., B.A. Muir, K. C. Munro, J. H. Munroe, H. E. Murphy, H. H. Nagle, S. M. Nathan, D. Nelson, J. S. Nutter, J. A., B.A. O'Neill, J. M. Preston, C. E. Price, J. Quain, B. P. Rankin, A. C. Rawlings, W. T. Reford, L. L. Richardson, C. A. Robinson, J. L. Rogers, J. T., B.A. Rogers, J. T., B.A. Seifert, F. W., B.A. Sellery, A. C. Shillington, R. N. W. Sims, H A. Slack, M. R. Smith, C. M. Smith, W. A., B.A. Stewart, J. A. Warren, J. G. Warwick, W. Waterman, C. Wigle, C. A. Willmore, J. G. Wilson, O. M. Winder, J. B., B.A. Winfrey, W., B.L. Wood, H. G. Wood, W. H. Yeo, I. J. Yorston, F. P., M.A.

In addition to those whose names appear on the above list, as having passed in all subject of the First Year, the following have passed in:-

#### HISTOLOGY.

Bleasdell, W. A. Dalton, J. T. Lacasse, L. J. MacKid, L. S.

McDonald, J. A. McNeill, W. C. Pruyn, W. G.

Sweeney, J. L, B.A.. Wotherspoon, H. Wright, G. A.

#### ANATOMY.

Billings, W. H. Cameron, A. B. Davidson, H. D. Gill, F. D. B. Gunn, A. K. Hand, W. T. Hughton, M.

Hunter, J. D. Inksetter, F. S. Lacasse, L. J. MacCullum, J. D. G. Sweeney, J. L., B.A. MacKid, L. S. McLeod, W. A. McMicking, A. E. T. Young, G. J.

McNeill, W. C. Raftery, C. R. Rilance, C. D. Willmore, J. G. Wright, G. A.

#### PHYSIOLOGY.

Billings, W. H. Boulter, J. H. Davidson, H. D. Gill, F. D. B. Hand, W. T. Hughton, M.

Hunter, J. D. Lacasse, L. J. McDonald, J. A. McDonald, J. C. McLeod, W. A. McNeill, W. C.

MacKid, L. S. Margolese, O. Pruyn, W. G. Ramsay, W. A. Rilance, C. D. Sibbald, J. P. M.

#### CHEMISTRY.

Bleasdell, W. A. Billings, W. H. Davidson, H. D. Gill, F. D. B. Hand, W. T. Hughton. M.

Hunter, J. D'. Rilance, C. D. Sibbald, J. P. M. McDonald, J. C. Styles, W A. L. McLeod, W. A. McMicking, A. E. T. Wotherspoon, H Wright, G. A. Margolese, O.

#### PRACTICAL CHEMISTRY.

Billings, W. H. Cameron, A. B. Dalton, J. T. Davidson, H. D. Gill, F. D. B. Gunn, A. K. Hand, W T. Hare. W. G.

Hughton, M. Hunter, J. D. Lacasse, L. J. MacKid, L. S. McDonald, J. C. McLeod, W. A.

Margolese, O. Raftery, C. R. Rilance, C. D. Styles, W. A. L. Wotherspoon, H. Wright, G. A. McMicking, A. E. T. Young, G. J.

# BIOLOGY.

Covernton, C. F.
Dalton, J.
Davidson, N. D.
Froomis, L. E.
Hare, W. G.
Hughton, M.
Humphrey, G. A.
Hunter, J. D.

mannana.

Inksetter, F. S.
Lacasse, L. J.
Macdonald, J. P.
McCormick, J. P.
McDonald, J. A.
McDonald, J. C.
McDougall, W. L.
McLeod, W. A.

Margolese, O.
Pruyn, W. G.
Shaw, D.
Sibbald, J. P. M.
Styles, W. A. L.
Wright, G. A.
Young, G. J.

BOTANY.

Bleasdell, W. A.

McNeill, W. C.

Scott, W.

BACTERIOLOGY.

Pruyn, W. G.

Styles, W. A. L.

# EXAMINATION PAPERS, SESSION 1900-1901

# MEDICAL FACULTY.

## ELEMENTARY BIOLOGY.

Part I. Zoology.

First Year.

TUESDAY, DEC. 18TH: -2 TO 5 P.M.

Examiner......PROF. E. W. MACBRIDE.

N.B.—Students belonging to the Medical Faculty must attempt only six questions to be selected from questions 1 to 7 and their answer-books must be returned at 4 p.m.

Students belonging to the Faculty of Arts may attempt *nine* questions of which six are to be selected from questions 1 to 7 and three from questions 8 to 11.

1. Describe carefully the means by which Amœba, Paramœcium and Hydra obtain their food.

Point out so far as you can why a different method is pursued in each case.

2. Describe carefully the reproductive organs of the Worm. Point out any *general resemblances* between the reproductive system of this animal and that of the Dog-fish.

[N.B.—A detailed description of the reproductive system of the Dog-fish is *not* to be given.]

3. Describe the heart, main arteries and principal veins of the Dog-fish. Point out what parts if any, of the blood system of the Worm have representatives in the vessels of the Dog-fish which you have described.

4. What exactly is meant by a ferment?

Enumerate the principal ferments found in the Dog-fish pointing out where they are formed and what results follow from their action. Can you suggest any reason why this result occurs? 5. Define carefully the terms neuron and sense cell describing carefully an example of each and indicating their functions.

Describe the various kinds of sense cells found in the animals you have studied.

- 6. Define exactly what function is carried out by an excretory cell. Describe the exact situation of the excretory cells in the worm and the *adult* Dog-fish pointing in each case how they are related to the coelom.
- 7. Carefully describe the spinal and sympathetic ganglia of the Dog-fish; pointing out how they are formed; in what relation they stand to the spinal cord and what are their functions.

Can you explain the phenomenon known as "referred pain"?

8. Describe carefully and completely the means by which the oxygen of the air is brought in contact with the blood of the Frog—the whole process of aerial respiration.

Compare the means by which the Frog breathes when submerged in water with that adopted by the Dog-fish.

- 9. Compare together carefully the male reproductive organs of the Frog and Dog-fish.
- 10. Describe carefully the origin and development of all the structures in the Dog-fish which correspond to the back-bone in the Frog.

What is the great difference between the back-bone in the Frog and the correseponding parts in the Dog-fish?

11. Describe and compare the skeleton of the limbs in the Dogfish and the Frog.

# Elementary Biology.

# Part II. Botany.

DEC. 21st, 1900:-ONE HOUR.

The candidate will answer three questions only.

- 1. Give an account of the cell structure in plants as exhibited in Saccharomyces and describe fully the nature of the reproductive processes in that plant.
- 2. Compare the processes of nutrition in Myxomycetes and in Pleurococcus: show what conditions are essential in each case and what distinctive terms are employed to indicate these differences.
- 3. Compare the reproductive processes in Spirogyra, Oedogonium and Fucus, with special reference to differentiation of the gametes, the special conditions under which conjugation takes place, and the value of such data as evidence of succession in development.
- 4. Give an account of the process of destructive metabolism in plants. Through what special function is this chiefly expressed? What are the characteristic products? Under what conditions does it occur? Compare with the corresponding function in animals.

## Physics and Chemistry.

#### First Year.

APRIL 30TH, 1901.

Examiner......Prof. G. P. GIRDWOOD, M.D.

- 1. Describe the different methods of taking specific gravity (a) of solids heavier than water, (b) of liquids, (c) of solids lighter than water.
- 2. What is sound? How is it propagated and carried to the ear? At what rate is it carried in air and in water?
- 3. What do you understand by radiant energy? What are the laws which govern the transmission of heat and light?
- 4. What do you understand by atmospheric pressure? How is it measured, what effect is produced by reduction of atmospheric pressure (a) on boiling point of liquids, (b) on solubility of gasses, (c) on respiration?
- 5. What are the different kinds of electricity, from what sources are they obtained? How is electrical equilibrium restored? What are the units of measurement?
- 6. Describe the occurrence in nature of Hydrogen. What are its properties? How can it be prepared? Give its atomic and molecular weight and volume.
- 7. What the laws of chemical combination the atomic theory," what do you understand by atomic weight, molecular weight, and equivalent weight?
- 8. Describe experiments proving the composition of Hydrochloric acid by weight and by volume. Give its molecular weight and its specific grayity (air=1).

# Physiology.

First Year.

MAY 2ND, 1991.

Examiners... PROF. WESLEY MILLS, M.D.
DR. W. S. MORROW.
DR. J. W. SCANE.
DR. A. A. ROBERTSON.

1. Explain the meaning of the following:—Blastoderm, germ layers, cleavage of the mesoblast, spanchnopleure, chorion, amnion (true and false), optic vesicle, gut, medullory folds.

- 2. Muscle and Nerve: Explain the meaning of the following terms: Latent period, fatigue of muscle, kathode, opening tetanus, ascending current, conduction, galvanotanus and demarcation current.
  - 3. Write fully on blood-cells.
- 4. Circulation of the Blood: (a) Factors, (b) Elcod pressure in arteries, veins and capillaries compared. (c) Ways in which general and local blood pressure may be made to vary, with an account of the mechanism involved. (d) Circumstances that favor the return of the blood from the capillaries.
- 5. Describe the experiments by which it has been demonstrated that there are two kinds of vaso-motor fibres in the Sciatic Nerve.
- 6. Respiration: Discuss in outline the process in its various relations so as to indicate all the various factors and their significance.
- 7. Digestion and Absorption: Trace in outline the physiological history of a meal of bread and meat (fat and lean) from the time it enters the mouth till it is represented in the blood.
- 8. Write, as time permits, on one only of the following themes: (a) The importance of general biology and embryology for physiology. (b) The relations of facts, technique and general principles in a course of Physiology. (c) The general bearing of one process on another in the animal economy. (d) Co-ordination in the widest sense in physiology. (e) Cr any other broad theme you choose to select.

Note.—Throughout this paper, wherever possible, use diagrams, etc., to illustrate your meaning.

# Bacteriology.

#### First Year.

FRIDAY, MAY 3RD, 1901.

Examiners..... PROF. J. G. ADAMI, M.D. H., B. YATES, M.D.

- 1. What are the precautions to be taken to prevent contamination of (a) the culture vessels and (b) the culture media in the process of gaining pure cultures of bacteria.
- 2. What are the main features distinguishing (1) the Hyphomycetes, (2) the Blastomycetes, (3) the Schizomycetes?
- 3. What do you understand by the terms:—facultative anaerobe: Pasteurisation, discontinuous sterilisation; Endspore; Extracellular fermentation; metachromatic granule; serial hypha.

#### Pharmacology and Therapeutic

#### Second Year.

MAY 3RD, 1901.

- 1. Explain the difference between a Liquor, a water, an Infusion, a liquid extract, and a tincture.
- 2. What do you understand by the terms:—Suppositoria, Chartae Emplastra, Unguenta?
- 3. Name the specimens which will be shewn to you and state the more important official preparations of them.
  - 4. Compare the action on the circulation of Aconite and Digitalis.
- 5. How may the various Mercurial preparations be grouped? Give an example of each class and state how they differ from each other in action.
- 6. Name the official preparations of Arsenic. How would you know that a patient was getting too much Arsenic?
- 7. State what you know about the origin, physical properties and physiological action of the following drugs:—Strychnine and Atropine. Name official preparations of each with their doses.
- 8. Name two drugs which lower blood pressure in different ways, state briefly the difference in their mode of action and give the dose of one preparation of each drug.

## Examination in Chemistry.

#### Second Year.

MAY 1ST, 1901.

Examiners. PROF. R. F. RUTTAN, M.D. PROF. G. P. GIRDWOOD, M.D.

- 1. Describe the solar spectrum. How may it be produced? Describe Frauenhoffer's lines. Where are the principal ones situated? For what purposes in chemistry is the spectroscope used?
- 2. Write an account of the chemistry of Phosphorus, giving its occurrence, manufacture, properties and chief compounds. Describe fully the chemistry of the compounds of Phosphorus with Hydrogen.

- 3. How much manganese dioxide will be required with sulphuric acide to oxidize 9.2 grammes of anhydrous oxalic acid? What will be the nature and volume of the resulting gas, normal temperature and pressure? mm=55.
- 4. Write a short account of the chemistry of (a) the alkali metals and (b) the Halogen elements.
- 5. Shew by equations how Ethyl Amine may be prepared from marsh gas and acetic acid from Ethyl Amine.
- 6. Describe the preparation and give characteristic reactions for (a) Urea and (b) Chloral.
- 7. Describe a practical method of making (a) Acetylene, (b. Salicylic acid, (c) Glycocoll (glycine), (d) oxalic acid.
- 8. Shew by a table the classification of simple sugars (mono saccharides). Give a concise account of the properties of (a) Glucose and (b) Cellulose.
- 9. Give the chemical relations and formulae of Tartaric Acid, Picric Acid, Gallic Acid, Stearine and Pyridine.
- 10. Define and give an example cf(a) an etherial salt, (b) a glucoside, (c) an alkaloid, (d) a secondary alcohol. Give one reaction characteristic of each.

# Physiology.

#### Second Year.

APRIL 30TH, 1901.

TO AND THE RESERVE THE PARTY OF	PROF. WESLEY MILLS, M.D.
Magniness !	DR. W. S. MORROW.
Examiners	DR. J. W. SCANE.
	Dr. A. A. Robertson.

- 1. Explain briefly the meaning of the following:—Allantois, placental villi, decidna reflexa, corpus luteum, electrotonus, electrotonic currents, polarizing current, law of contraction, reaction or degeneration, idio-muscular contraction, rheochord.
- 2. Blood and Circulation: (a) Reasons for considering them together. (b) Discuss the cardiac cycle and (c) the innervation of the heart.
- 3. Respiration: Discuss briefly, diffusion, vital action of epithelium, respiratory coefficient, intra thoracic pressure, effects of respiration on circulation and blood pressure in asphyxia.
- 4. Digestion and Absorption: Trace in outline the principal changes in a meal of bread and beeksteak (fat and lean) from the time it enters the intestine till it is returned to the outer world.
- 5. State and criticise the various theories of renal activity (urinary secretion).

6. Make the complete anatomico-physiological connections in the following cases:—(a) Tacile perception referred to the right index finger. (b) Voluntary motor impulses leading to conjugate deviation of the eyes to the right. (c) Crossed reflex of the left arm.

7. State with reasons, where the site of the operative lesion has probably been in the following cases:—(a) Left Hemianopsia in a monkey (left referring to the eye affected). (b) Staggering (reeling) gait in a dog. (c) Temporary loss of control of the rectal and vesical sphincters in a dog. (d) Ataxy of the legs in a monkey.

8. State and discuss (a) Theories of ocular accommodation. (b) Theories of color vision.

Note.—Wherever possible throughout this paper to use diagrams, etc., do so.

## Histology.

#### Second Year.

DEC. 20TH, 1900.

- 1. Describe a serous gland. Mention where some typical examples are found.
  - 2. Describe a section of Pancreas.
- 3. Describe a section through Cervix Uteri of adult at junction of Vagina.
- 4. Describe a section through eye-ball made from before directly backwards.
- 5. Name the various nerve endings and give drawing and description of each
- 6. Draw a cross section of upper end of Medulla Oblongata and give short description. Compare spinal and sympathetic ganglion.

#### Anatomy.

#### Second Year.

MARCH 9TH, 1901.

Examiners... PROF. F. J. SHEPHERD, M.D.
DR. J. A. SPRINGLE, M.D.
DR. J. G. McCarthy, M.D.
DR. J. A. HENDERSON, M.D.

- 1. Dissection necessary to expose the Stylo-pharyngeus muscle.
- 2. Describe the solid viscera in relation with the left kidney.
- 3. Insertion, nerve supply and actions of the muscles attached to the fibula.

- 4. Trace the various constituents of the spermatic cord from their origins to termination.
- 5. Describe the Optic tract and Chiasm. How does the optic nerve terminate?
- 6. Name in order the parts it is necessary to remove to expose the right pulmonary artery.

Note.—Candidates are required to answer four question only, including the first two.

# Pharmacology and Therapeutics.

Third Year.

MAY 10TH, 1901.

Examiners..... Prof. A. D. Blackader, M.D. Dr. R. A. Kerry. Dr. J. Halsey.

- 1. State the various methods in which the following drugs may be directed to be dispensed, and give illustrative prescriptions:—Quinniae Sulphas. Copaiba. Extractum Colocynthidis Compositum. Extractum Filicis Liquidum.
- 2. Discuss the exact action of the following drugs on:—(a) the respiratory organs, (b) the circulatory organs, viz.:—Belladonna. Scilla. Aconitum. Ammonia.
- 3. Discuss the action on the secretions and excretions of the following drugs:—

Pilocarpinae Nitras. Potassi Citras. Cubeba. Sodii Salicylas.

4. Name the more important conditions in which the therapeutic employment of the following drugs is indicated. Write illustrative prescriptions with appropriate dosage:—

Potassii Iodidum. Liquor Trinitrini. Opium. Bismuthi Carbonas.

#### Hygiene.

#### Third Year.

MAY 4TH, 1901.

- 1. Explain what is meant by ground water, self purification of soil, siphonage, damp-proof construction, DuChaumont's formula.
- 2. What special preventive measures should be adopted in dealing with (a) Consumption, (b) Diphtheria, (c) Glanders, (d) Trichinosis.
- 3. Mention the chief advantages and drawbacks of heating by hot air. Describe briefly some common methods of combining heating with ventilation.
- 4. Describe briefly the essential points connected with the drainage of a town house by the water carriage system.
- 5. What precautions should be taken to properly isolate a case of contagious disease? How should disinfection be done at the close of the case?
  - 6. What are the main sanitary rules regarding schools?
- 7. Describe a method for determining the carbon dioxide and moisture in the atmosphere of a room. Within what limits should both be kept?
- 8. Classify climates. Give instructions for systematic observations regarding the climate of a locality.

#### Obstetrics.

#### Third Year.

MAY 8TH, 1901.

1. Define:—Inlet, Excavation, Axis, Plane, External Conjugate, Diagonal Conjugate, Vertex, Vertex presentation, Second position.

2. Describe the phenomena of Menstruation.

- 3. How is the menstrual process affected by (a) Conception and (b) Lactation?
- 4. What bearing have flexion and extension upon the way in which the foetus presents?
  - 5. Liquor Amnii: what are its sources and uses?
  - 6. How would you manage:-
    - (a) The second stage of labour.
    - (b) The third stage of labour.

### Mental Diseases.

#### Third Year.

APRIL 29TH, 1901.

Examiner......PROF. T. J. W. BURGESS, M.D.

- 1. What conditions are prerequisite for the proper treatment of an insane patient outside of an institution for the insane?
- 2. Mention the leading points in the history of an alleged lunatic with what a physician should familiarize himself prior to examining the patient.
- 3. When is the use of Opium indicated in insanity, and when that of hyoscine?
- 4. In what mental disorders is efeeblemet of memory likely to be found a prominent symptom?
- 5. State the leading symptoms usually found in the second stage of general paresis.

### Bacteriology.

#### Third Year.

JAN. 19TH, 1901:-9.30 TO 12.

- 1. Construct tables showing the morphological, cultural and other distinctions between:—
  - (1) The Streptococcus pyogenes and the Pyococcus aureus.
  - (2) The Diplococcus pneumoniae and the diplobacillus of Friedlaender.
  - (3) The Bacillus Typhosus and the Bacillus coli.
  - (4) The Spirillum Cholerae and either the Vibrio Metchnikovi or the Spirillum of Finkler Prior.

- 2. (a) What, in order of frequency, are the modes of infection of the human being by the tubercle bacillus? (b) What the means to be taken to lessen the spread of tuberculosis? (c) What is Tuberculin and (d) What are its uses?
- 3. (a) Classify the different methods whereby acquired immunity can be developed, and (b) discuss the relative value of the immunity acquired by the different methods. (c) State briefly the nature of the methods now practiced to induce immunity against:—(1) Smallpox. (2) Anthrax. (3) Cholera. (4) The Plague and (5) Diphtheria.
- 4. What is the evidence that (1) the B. typhosus is the cause of Typhoid fever; (2) the B. Tetani of Tetanus; (3) the Amoeba coli of dystentery; and (4) the Sp. Cholerae of Cholera?

## Pathology.

#### Third Year.

MARCH 23RD, 1901:-9.30 TO 12.30.

PROF. J. G. ADAMI,
DR. A. G. NICHOLS.
DR. D. MACTAGGART.
DR. D. P. ANDERSON.

- 1. What conditions would you expect to find in the gross and microscopical examination of the tissues and organs of one who had died from peritonitis in the third week of Typhoid Fever?
- 2. Explain the following terms, giving examples:—Atavism. Spontaneous variation. The non-inheritance of acquired defects. The inheritance of acquired constitutional states. Heteromorphous inheritance. Parasitic double monster. Congenital anomaly. Parasyphilitic lesion. Teratoma. Hermaphrodite.
- 3. From your knowledge of the degrees and stages of acute inflammation of the cornea deduce the changes which may occur locally in acute inflammation of the outer portion of the Cusps of a cardiac valve and from your knowledge of the properties of the blood deduce the added changes, both local and general, which are likely to occur in such a case as the result of the inflamed regions being bathed in the circulating blood.
- 4. Under what conditions do we encounter "shock" and "collapse" respectively? Mention any observations and experiments indicating a difference between these two states.
- 5. Give briefly the arguments for and against: (1) the microbic theories of causation of malignant tumours and (2) the "cell rest" theory of origin of tumours in general; in either case give the conclusion to which you are led upon weighing the arguments.

6. What do you understand by the terms:—Ulcer. Metaplasia. Vicarious hypertrophy. Pseudochylous ascites. Amyloid bodies. Mulberry calculus. Caseation. Vitreous degeneration. Serous cyst. Haemosiderin.

#### Medical Jurisprudence.

#### Third Year.

MARCH 9TH, 1901.

Examiners..... PROF. G. WILKINS. PROF. WYATT JOHNSTON.

- 1. What are the three modes of dying? Give examples of each, also the characteristic post-mortem appearances.
- 2. What appearances would indicate that incised wounds, bruises and burns were inflicted a few hours before death? What are the appearances of similar injuries inflicted after death?
- 3. In examining for Life Insurance, you find an applicant to all appearances perfectly healthy with a history of never having had any serious illness. Nothwithstanding this, what points in family and personal history would cause aplicant not to be considered a first class life? What do you understand by "reserve" on the policy?
- 4. How would you treat the apparently drowned—only two or three minutes submerged? What are the characteristic postmortem appearances of an individual recently drowned and just removed from the water?
- 5. How would you treat poisoning by alkalies and acids? What characteristic lesions are found in each?

# Ophthalmology and Otology.

#### Fourth Year.

MAY 30TH, 1901.

- 1. Write a brief account of Asthenopia, including causes, symptoms, and treatment.
  - 2. State what you know of the Bacteriology of the Conjunctiva.
- 3. Describe Phlyctoenular Keratitis, giving its etiology, pathology, symptoms and treatment.

- 4. Mention the different varieties of cataract and state how you would determine whether a cataract was mature and the eye otherwise in such a condition as to justify removal of the cataract by operation.
  - 5. Describe Opthalmia Neonatorum and its treatment.
- 6. Give indications and contra-indications for the use of Atropine, Eserine and Nitrate of Silver in Ophthalmic practice.
- 7. Give the signs and symptoms of Mostoiditis following acute suppuration of middle ear and state what you would do to prevent its occurrence when threatened.
  - 8. Give a brief outline of the functional examination of the ears.

#### Surgery.

#### Fourth Year.

MAY 29TH, 1901.

Examiners...... PROF. T. G. RODDICK.

DR. J. M. ELDER.

DR. A. E. GARROW.

- 1. What forms of Heart and Kidney Disease contra-indicate operations? What precautions should be taken in this connection before operation?
  - 2. Describe the symptoms and treatment of Diabetic Gangrene.
- 3. Discuss Anel's and Hunter's operations for the cure of Aneurism.
- 4. Describe the symptoms and treatment of Angular Curviture of the Spine. With what complications may a surgeon have to deal in this disease?
- 5. A child seven years old has a right-sided Empyaema following Pneumonia: what would be your plan of treatment, giving details of any operative measures employed?
- 6. Bronchocele: Give (a) Differential diagnosis from other tumours of the neck. (b) Classification. (c) Surgical treatment of Cystic form.
- 7. Name the conditions which simulate Stone in the Kidney and state the essential points of difference in each instance cited.
- 8. Give the symptoms and signs of fracture through the middle fossa of the base of the skull. How would you treat such an accident?

#### Gynæcology.

#### Fourth Year.

MAY 2ND, 1901.

- 1. Gonorrhœa in woman, the structures it involves, symptoms and physical signs.
  - 2. The causes and symptoms of Cystitis.
  - 3. The accidents and complications of Ovarian Tumours.
- 4. The classification, minute structure, course and terminations of uterine fibro-myoma.

#### Medicine.

#### Fourth Year.

MAY 27TH, 1901.

the second sometiment with the tell of	Prof. Jas. Stewart.
<b>一种,一种,一种一种,一种一种</b>	Prof. A. D. Blackader.
Examiners	PROF. H. A. LAFLEUR.
THE RESERVE OF THE PARTY AND T	PROF. F. G. FINLEY.
	PROF. C. F. MARTIN.

- 1. (25) What conditions give rise to paroxysmal dyspnœa? Describe fully the physical signs of one of them.
- 2. (25) What features would lead you to give a favorable prognosis in a case of pulmonary tuberculosis? Describe the main points in the treatment of such a case.
- 3. (25) What are the important etiological factors in infantile entero-colitis? State what treatment might be employed in the case of a child one year old suffering from a acute attack.
- 4. (20) Give the causes and symptoms of (1) Peripheral Facial Paralysis. (2) Paralysis of the musculo-spiral nerve.
- 5. (25) Discuss the etiology and the diagnosis of two forms of meningitis.
- 6. (30) Outline the early symptoms and treatment in a case of Chronic Interstitial Nephritis.
- 7. (20) What various forms of motor insufficiency of the stomach are described, and what are the individual features of the differential diagnosis?

3

8. (30) A farmer, aged 34, gives a history of illness lasting about 3 months, beginning with severe pain over the lower ribs on the right side and in the epigastrium. Associated with the pain there was a cough with fever of an irregular character, some chilliness, but no sweating. The expectoration was at first whitish, then frankly purulent, and once or twice tinged with blood, and during the first part of the illness very foul. The quantity varied from day to day, but was never very large at any time. The cough has been all along of a paroxysmal character and very distressing; worse when the man was lying down. During the first two months there was a loss in weight of twenty pounds, part of which was regained in the third month. The patient has no shortness of breath, is not anæmic, has a fair appetite and sleeps well when not disturbed by coughing. He has had no other illness. Physical examination shows only a half-moon shaped area, 4 by 2 inches, of impaired resonance (not absolute dullness) in the extreme right lower axilla between the anterior and posterior axillary lines, over which the breath sounds are very slightly diminished in intesity without any qualitative change and without adventitious sounds. There is a mark of a blister in the epigastrium. The temperature at 5 p.m. was 98 and 2-5°, but there had been fever on the previous day. The patient shewed half an ounce of rather thin reddish brown homogeneous, not offensive pus, which he had coughed up on that day. Staphylococci but no tubercle bacilli were found in the specimen. Discuss the probable diagnosis and what additional examination might be necessary to come to a definite conclusion?

#### Obstretics.

#### Fourth Year.

APRIL 29TH, 1901.

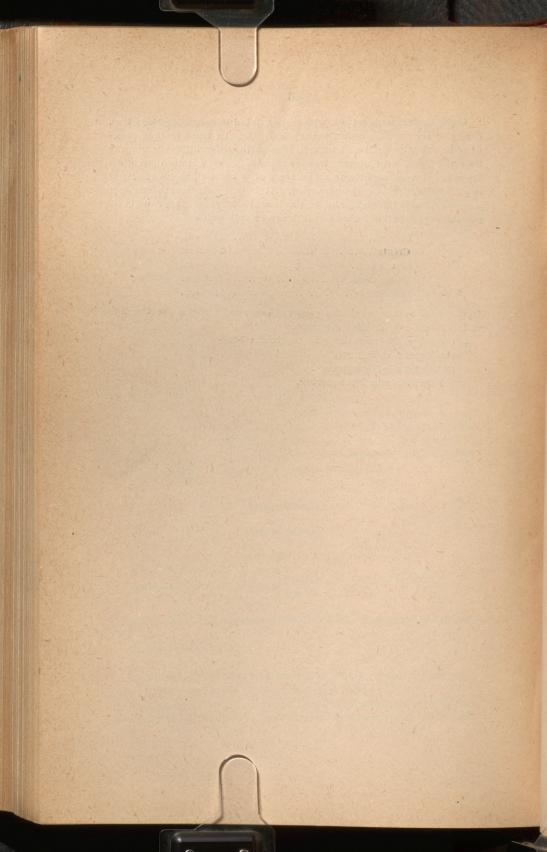
- 1. (40) A case of threatened abortion at the beginning of the 4th month.
  - (a) Give the symptoms.
  - (b) Prognosis.
  - (c) Describe fully the treatment you would prefer, giving your reasons for the choice which you make.
  - 2. (35) A case of R.O.P., describe fully the mechanism of delivery.
  - 3. (35) Face presentations: give causes, symptoms and treatment.

4. (55) A III para, æt. 40, who menstruated last on 31st May, 1900, comes under your care on January 2nd, 1901. In two previous pregnancies she was delivered at full term with great difficulty, on the first occasion, craniotomy was performed. The children weighed 6½ and 6 lbs. The patients measures 5 ft. 2 in., weighs 105 lbs., and is of highly nervous temperament. At both confinements she lost a great deal of blood. She is anxious to have a living child if possible. Her pelvic measurements are as follows:—

Spines	24	cm.
Crests	25	cm.
Ext. Conj	17	cm.
Diag. Conj	10.5	cm.
Interischial	10	em.

How would you manage the case? Give your reasons for the line of treatment you decide to pursue.

- 5. (35) Give the varieties and treatment of:-
  - (a) Harelip in infants.
  - (b) Asphyxia Neonatorum.
  - (c) Ophthalmia Neonatorum.



# McGILL UNIVERSITY

# FACULTY OF MEDICINE

# ANNUAL CALENDAR

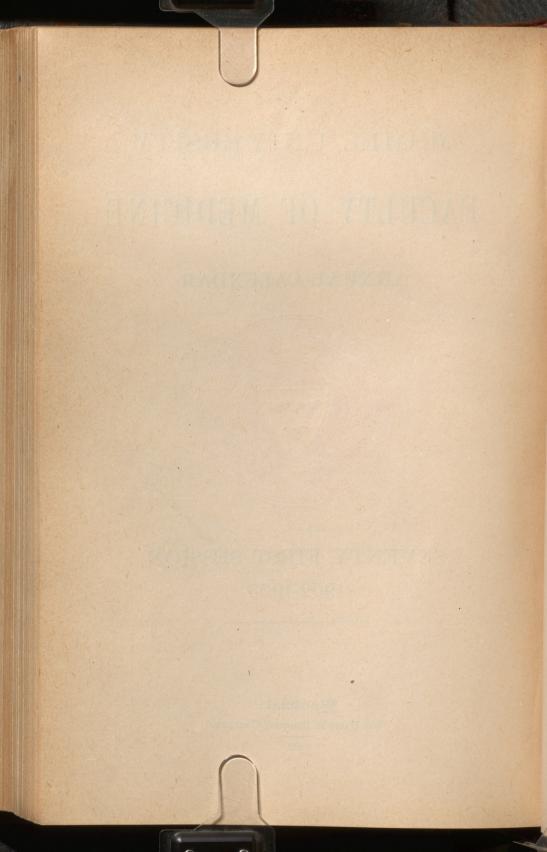


# SEVENTY FIRST SESSION 1902-1903

Montreal:

THE GAZETTE PRINTING COMPANY.

1902.



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# ALMANAC 1902-1903.

7th	Month.	IIIIV: 1
	The state of the s	JULY xxxi days. 1902.
1	Tu.	Dominion Day.
2	W.	Medical Council P.E.I., Matriculation Exam.
3	Тн.	{ Matriculation Exam. C.P. & S., New Bruns- wick (at St. John).
4	F.	Registration for Prov. of Quebec, (at Montreal).
5	S.	Meeting of Medical Faculty.
6	S.	
7	M.	
8	Tu.	
9	W.	
10	Тн.	
11	F.	
12	S.	
13	S.	
14	M.	Series and the series are the series and the series and the series are the series and the series and the series are the series
15	Tu.	Dr. W. Robertson died, 1844.
16	W.	
17	TH.	Registration in Nova Scotia.
18	F.	
19	S.	
20	S.	
21	M.	
22	Tu.	
23	W.	
24	Тн.	
25	F.	
26	S.	
27	S.	
28	M.	
29	Tv.	
30	W.	
31	Тн.	Dr. R. L. MacDonnell died, 1891.

8th 1	Month.	AUGUST xxxi days. 1902.
1	F.	A STATE OF THE PROPERTY OF THE
2	S.	
3	S.	Control of the state of the sta
4	M.	
5	Tu.	Duverney born, 1648.
6	W.	
7	Тн.	
8	F.	
9	S.	
10	S.	
11	M.	
12	Tu.	
13	W.	
14	Тн.	
15	F.	Lavoisier born, 1743.
16	S.	Control of the second of the s
17	S.	
18	M.	
19	Tu.	
20	W.	
21	Тн.	
22	F.	Sir A. Cooper born, 1768.
28	S.	
24	S.	
25	M.	
26	Tu.	Goethe born, 1749.
27	w.	
28	Тн.	
. 29	F.	
30	S.	
31	S.	AND THE WAY AND THE PARTY OF TH

9th	Month.	SEPTEMBER xxx days. 1902.
	1	1502.
1	M.	
2	Tu.	
3 4	W.	Defende Concerts weather transaction
5	Тн. F.	
6	S.	Mosting of Walland Day
		Meeting of Medical Faculty.
7	S.	
8	M.	
9	Tu.	Galvani born, 1737.
10	w.	Matriculation Exam. Arts and Medicine McGill. Matriculation Exam. C. P. S., New Brunswick.
11	Тн.	(Exams. C. P. & S. North West Territories.
12	F.	
13	S.	
14	s.	and both author V
15	M.	Register opens for Students in Medicine.
16	T.	
17	W.	
18	Тн.	
19	F.	Matric. Exam. Coll. P. & S., Quebec (at Quebec).
20	S.	Meeting of Governors.
21	S.	
22	M.	
23	Tu.	Introductory Lecture.
24	W.	Lectures begin.
25	Тн.	Registration for Prov. of Quebec (at Quebec).
26	F.	
27	S.	
28	S.	Manager Charles and Charles an
. 29	M.	
30	T.	

10th	Month.	OCTOBER xxxi days. 190	2.
1	w.		
2	TH.		
3	F.		
4	S.	McGill Medical Society, annual meeting.  Meeting of the Medical Faculty.	
5	S.		
6	M.	James McGill born, 1744, Founder's day.	
7	Tu.	{ Medical Matriculation, Manitoba. Medical Matriculation, P.E.I.	
8	W.	Fallopius died, 1562.	
9	Тн.	Dr. A. F. Holmes died, 186 ).  Meeting of Corporation.	
10	F.	Registration in Nova Scotia. Sports Day.	
_11	S.		
12	S.		
13	M.	Reamur died, 1757.	
14	Tu.	Vesalius died, 1564.	
15	W.		
16	Тн.		
17	F.	Meeting of Governors.	
18	S.	Register closes for session, 1902-1903.	
19	S.	Baillie born, 1761.	
20	M.		
21	Tv.	Supplemental Exams, begin.	
22	W.		
23	TH.		
24	F.		
$\frac{25}{26}$	S.		
27	S. M.		
28	Tu.	Lectures began in Montreel Wal I.	
29	W.	Lectures began in Montreal Med. Ins. in 1824	
30	TH.	Exams. and Regist'n. C.P.S., British Columb	1a.
		All Wallana Fire	
31	F.	All Hallows Eve.	

11th	Month.	NOVEMBER xxx days. 1902.
1	S./	Meeting of Medical Faculty.
2	s.	
3	M.	
4	Tu.	
5	W.	
6	Тн.	First Lectures delivered in Med. Faculty, 1829.
7	F.	Dr. Geo. Ross died, 1892.
8	S.	
9	S.	Edward VII. born, 1841.
10	M.	
11	Tu.	Bichat born, 1771.
12	W.	
13	Тн.	
14	F.	
15	S.	
16	s.	
17	M.	
18	Tu.	Sir William Dawson died, 1899.
19	W.	Prof'l. Exams. C. P. S., Ont.
20	Тн.	
21	F.	Meeting of Governors.
22	S	
23	S.	
24	M.	and the state of t
25	Tu.	2001 material Trans
26	w.	
27	Тн.	
28	F.	
29	S.	
30	S.	The same account of the same

D	EC	EN	IBI	ER.	xxxi	day	ra
v		-		TI	AAAI	CLOUV	100

1902.

1	M.	
2	Tu.	
3	W.	THE RESERVE THE PARTY OF THE PA
4	Тн.	
5	F.	
6	S.	Meeting of Medical Faculty.
7	S.	
8	M.	
9	Tu.	The state of the s
10	W.	
11	TH.	
12	F.	
13	S.	
14	S.	James McGill died, 1813.
15	M.	Sessional Examinations begin.
<b>—16</b>	Tu.	
17	W.	
18	TH.	
• 19	F.	Meeting of Governors. Autumn term ends.
20	S.	
21	S.	Pott died, 1788.
22	M.	
23	Tu.	
24	W.	
25	TH.	Christmas Day.
26	F.	Peyer born, 1653.
27	S.	
28	S.	Market State Control of the Control
29	M.	
30	Tu.	
31	w.	Boerhaave born, 1688.

			JANUARY xxxi days	1903.
	1	Тн.	New Year's Day. Royal Victoria Hospital opened 1894.	
	2	F.		
	3	S.	Linacre born, 1460. Meeting of Medical Faculty.	
	4	S.		
	5	M.		
	6	Tu.	Winter Term begins.	
	7	W.	Medical Council, P.E.I., Matric. Exams.	
	8	Тн.	Exams. C. P. S., North West Territories.	
	9	F.		
]	10	S.		
1	11	S.		
	12	M.		
]	13	Tu.		
]	14	W.	Lower born, 1653.	
	15	Тн.	Registration in Nova Scotia.	
	16	F.	Meeting of Governors,	
_ ]	17	S.		
	18	S.		
	19	M.		
3	20	Tu.		
	21	W.	Dr. Wm. Caldwell died, 1883.	
	22	Тн.	Queen Victoria died, 1901.	
	23	F.		
-	24	S.		
5	25	S.		
5	26	M.	The Alignment of the Control of the	
-	27	Tu.		
5	28	W.	transmit the grand for the last the	
	29	Тн.	Charter granted to Mont. General Hospital.	, 1823.
	30	-		
	31	S.		

2nd	Month.	FEBRUARY xxviii days. 1903.
1	s.	
2	M.	hope for the second second second
3	Tu.	Dr. Sutherland died. 1875.
4	W.	
5	Тн.	Willis born, 1622.
6	F.	
7	S.	Meeting of Medical Faculty.
8	S.	
9	M.	
10	Tu.	
11	W.	Meeting of Corporation.
12	TH.	
13	F.	
14	S.	Laennec born, 1781. John Hunter born, 1728. Hall died, 1868.
15	S.	
16	M.	
17	Tu.	
18	W.	
19	Тн.	AND DESCRIPTION OF THE PARTY OF
20	F.	Meeting of Governors.
21	S.	
22	S.	
23	M.	
24	Tu.	Albinus born, 1697.
25	W.	Morgagni born, 1682. Ash Wednesday (no lectures).
26	Тн.	(no rectures).
27	F.	
28	S.	

		13
3rd	Month.	MARCH xxxi days. 1903.
1	S.	
2	M.	
3	Tu.	Service of Service (Service)
4	W.	
5	Тн.	
6	F.	
7	S.	Meeting of Medical Faculty.
8	S.	
9	M.	
10	Tu.	Malpighi born, 1623.
11	W.	
12	Тн.	Paliting makes and
13	F.	
14	S.	
15	S.	
16	M.	
17	Tu.	
18	W.	
19	Тн.	( Meeting of Covernors
20	F.	Meeting of Governors. Winter Term ends.
21	S.	
22	S.	
23	M.	
24	Tu.	
25 26	W.	
	Тн.	
27	F.	Prof. R. P. Howard died, 1889. Convocation for Degrees in Vet. Science.
28	S.	( Convocation for Degroes in vec. Belefice.
29	S.	
30	M	
31	Tu.	

4th	Month.	APRIL xxx days, 1903
1	W.	
2	TH.	
3	F.	Abernethy born, 1764.
4	S.	Meeting of Medical Faculty.
5	S.	ACTION NO. OF CO.
6	M.	Spring Term begins.
7	Tu.	Med. Council, P.E.I., Matric. Exam.
8	W.	Meeting of Corporation.
9	Тн.	
10	F.	Good Friday (no lectures).
11	S.	Sydenham born, 1624.
12	S.	Easter Sunday.
13	M.	
14	Tu.	Prof'l. Exams. Registration, Manitoba.
15	W.	
16	TH.	THE RESERVE TO THE PERSON OF T
17	F.	Meeting of Governors.
18	S.	
19	S.	
20	M.	
21	Tu.	
22	W.	
23	TH.	Shakespeare born, 1564.
24	F.	TIP .
25	S.	
26	S.	The second secon
27	M.	Conv. for degrees in Arts, Law & App. Sciences. Graduate Course in Medicine begins.
28	Tu.	
29	W.	Registration in Nova Scotia.
30	Тн.	

5th Month.		MAY xxxi days. 1903.
1	F.	Montreal Gen. Hospital opened for patients, 1822
2	S.	Meeting of Medical Faculty.
3	S.	
4	M.	The Paragraphical State Can Resemble
5	Tu.	C. P. & S. British Columbia, Prof'l. Exam.
6	W.	
7	Тн.	Matric. Exam. Prov. Med. Board of N. Scotia.
8	F.	Constitution of the contract o
9	S.	Market State Control of the Control
10	S.	
11	M.	
12	Tu.	
13	W.	∫ Heberden born, 1710.
14	Тн.	Exams. C. P. S., North West Territories.
15	F.	Meeting of Governors.
16	S.	
17	S.	Edward Jenner born, 1749.
18	M.	south threat 2 M and house 1 M.
19	Tu.	Professional Exams. C. P. & S., Ont.
20	W.	The state of the s
21	Тн	Prof. Scott died, 1883.
22	F.	医静物 地名 10 阿维亚西欧红色
23	S.	Lectures end
24	S.	Victoria Day.
25	M.	Examinations begin Matric. Exams. C. P. & S., Manitoba.
26	Tu.	A committee of the said of the
27	W.	TO THE REAL PROPERTY OF THE PARTY OF THE PAR
28	TH.	Prof. G. W. Campbell died, 1882.
29	F.	John H. R. Molson died, 1897.
30	S.	
31	S.	
01	D.	

6th Month.		JUNE xxx days. 1903.
1	M.	in fix spallinger, to but in the U.S.
2	Tu.	
3	W.	
4	Тн.	Corner-stone Mont. Gen. Hospital laid, 1821
5	F.	
6	S.	Graduate Course ends. Meeting of Medical Faculty.
7	S.	Eustachius died, 1574.
8	M.	Matriculation Exams. Arts and Medicine.
9	Tu.	
10	W.	Meeting of Corporation.
11	Тн.	
12	F.	Spring Term ends.
13	S.	Convocation for conferring degrees in Med.
14	S.	
15	M.	
16	Tu.	
17	W.	Exams Prov. Med. Board, Nova Scotia
18	Тн.	
19	F.	Prof. Wyatt Johnston died, 1902.  Meeting of Governors.
20	S.	Rolando born, 1773. Matriculation Col. P. & S., Quebec (at Mont.)
21	S.	
22	M.	
23	Tu.	
24	W.	Mark to the same of the same o
25	Тн.	Mont. Med. Institution became Med. Fac., 1829 Exams. Council P. & S., New Brunswick.
26	F.	D A B
27	S.	Prof. Fenwick died, 1894.
28	S.	
29	M.	
30	Tv.	

# Governing Body of the University.

### VISITOR:

HIS EXCELLENCY THE RIGHT HONOURABLE THE EARL OF MINTO, K.C.M.G., LL.D., P.C.

GOVERNOR-GENERAL OF CANADA, ETC.

### GOVERNORS:

[Being the Members of the Royal Institution for the Advancement of Learning.]

THE RIGHT HON. LORD STRATHCONA AND MOUNT ROYAL, G.C.M.G., LL.D. (Hon. Cantab.), President and Chancellor of the University.

JOHN MOLSON, Esq.

SIR WILLIAM C. MACDONALD.

GEORGE HAGUE, Esq.

EDWARD B. GREENSHIELDS, Esq., B.A.

SAMUEL FINLEY, Esq.

ANDREW FREDERICK GAULT, Esq.

HON. JOHN SPROTT ARCHIBALD, M.A., D.C.L.

CHARLES J. FLEET, Esq., B.A., B.C.L.

RICHARD B. ANGUS, Esq.

SIR WILLIAM C. VAN HORNE, K.C.M.G.

JAMES ROSS, Esq.

CHARLES CAMPBELL, Esq., D.C.L., K.C.

ROBERT CRAIK, M.D., LL.D.

(The Board of Governors has, under the Royal Charter, the power to frame Statutes, to make Appointments, and to administer the Finances of the University.)

#### PRINCIPAL.

WILLIAM PETERSON, M.A., LL.D., C.M.G., Vice-Chancellor.

(The Principal has ,under the Statutes, the general superintendence of all affairs of the College and University, under such regulations as may be in force.

### FELLOWS:

# Ex-Officio.

- ALEXANDER JOHNSON, M.A., LL.D., D.C.L., F.R.S.C., Vice-Principal, and Dean of the Faculty of Arts.
- HENRY T. BOVEY, M.A., D.C.L., LL.D., F.R.S.C., M.Inst.C.E., Dean of the Faculty of Applied Science.
- THOMAS G. RODDICK, M.D., LL.D., Dean of the Faculty of Medicine.
- DUNCAN McEACHRAN, D.V.S., Dean of the Faculty of Comparative Medicine and Veterinary Science.
- E. P. WALTON, B.A., LL.B., Dean of the Faculty of Law.
- S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.

# To retire on 1st September, 1902.

- REV. D. H. MACVICAR, D.D., LL.D., Representative Fellow, Presbyterian College, Montreal, Principal of the College.
- REV. J. CLARK MURRAY, LL.D., F.R.S.C., Elective Fellow, Faculty of Arts.
- T. WESLEY MILLS, M.A., M.D., F.R.S.C., Representative Fellow in Medicine.
- C. H. McLEOD, Ma.E., F.R.S.C., Representative Fellow in Applied Science.
- REV. C. R. FLANDERS, B.A., D.D., Representative Fellow, Stanstead Wesleyan College, Stanstead, Que., Principal of the College.
- G. CUNNINGHAM WRIGHT, B.C.L., Representative Fellow in Law.
- ARCHIBALD McGOUN, M.A., B.C.L., K.C., Elective Fellow, Faculty of Law.
- F. J. SHEPHERD, M.D., Elective Fellow, Faculty of Medicine.
- G. H. CHANDLER, M.A., Elective Fellow, Faculty of Applied Science.
- R. TAIT McKENZIE, B.A., M.D., Governors' Fellow.
- W. W. WHITE, M.D., St. John, N.B., non-resident Representative Fellow (Maritime Provinces and Newfoundland).
- E. B. C. HANINGTON, M.D., non-resident Representative Fellow (British Columbia, Manitoba, and North-West Territories).

ROBERT W. ELLS, M.A., LL.D., Ottawa, non-resident Representative Fellow (Ontario).

WM. OSLER, M.D., LL.D., F.R.S., Johns Hopkins University, non-resident Representative Fellow (United States).

# To retire on 1st September, 1903.

JOHN REDPATH DOUGALL, M.A., Representative Fellow in Arts.

REV. E. I. REXFORD, B.A., Governors' Fellow.

REV. JAMES BARCLAY, M.A., D.D., Governors' Fellow.

MALCOLM C. BAKER, D.V.S., Elective Fellow, Faculty of comparative Medicine and Veterinary Science.

ALEXANDER FALCONER, B.A., B.C.L., Representative Fellow in Law.

CHAS. E. MOYSE, B.A., Elective Fellow, Faculty of Arts.

JOHN COX, M.A., F.R.S.C., Elective Fellow, Faculty of Arts.

REV. J. T. L. MAGGS, B.A., B.D., Representative Fellow, Montreal Wesleyan Theological College.

FRANK D. ADAMS, M.A.Sc., Ph.D., D.Sc., Representative Fellow in Applied Science.

W. J. McGUIGAN, M.D., LL.B., Representative Fellow, Vancouver College, Vancouver, B.C.

### To retire on 1st September, 1904.

BERNARD J. HARRINGTON, M.A., LL.D., Governors' Fellow.

FREDERICK W. KELLEY, B.A., Ph.D., Representative Fellow in Arts.

- R. F. RUTTAN, B.A., M.D., F.R.S.C., Elective Fellow, Faculty of Medicine.
- C. H. GOULD, B.A., Governors' Fellow.
- E. W. MACBRIDE, M.A., D.Sc., Elective Fellow, Faculty of Arts.
- REV. E. M. HILL, D.D., Representative Fellow, Congregational College of Canada, Principal of the College.
- C. W. WILSON, M.D., Representative Fellow in Medicine.
- A. E. C. MOORE, D.V.S., Representative Fellow in Comparative Medicine and Veterinary Science.
- REV. HENRY M. HACKETT, M.A., B.D., Representative Fellow, Diocesan Theological College, Principal of the College.
- S. H. CAPPER, M.A., A.R.I.B.A., R.C.A., Elective Fellow, Faculty of Applied Science.

(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes to frame regulations touching the Course of Study, Matriculation, Graduation and other Educational matters, and to grant Degrees.)

#### SECRETARY AND BURSAR :-

W. Vaughan, Office, East Wing, McGill College.

Office Hours: 9 to 5.

### REGISTRAR :-

J. A. Nicholson, M.A., Office, East Wing, McGill College,
Office Hours: 9 to 5.

#### THE ACADEMIC BOARD.

(Regular Meetings on the first Wednesday of October, December, February, and March, at 8.15 p.m.)

#### CHAIRMAN-THE PRINCIPAL.

The Principal, the Deans of the several Faculties, the Professors and Associate Professors, and other members, not exceeding ten in number, of the teaching staff of the University, have been constituted, under the statutes, the Academic Board of the University, with the duty of considering such matters as pertain to the incrests of the University as a whole and making recommendations concerning the same.

# McGill University Ceneral Announcement.

# SESSION OF 1902-1903

The Seventy-first Session of the University, being the fiftieth under the amended Charter, will commence in the autumn of 1902.

By virtue of the Royal Charter, granted in 1821, and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties in McGill College and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and, while all possible attention will be given to the character and conduct of students, no interference with their individual views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the affiliated Colleges and Schools.

### I.-McGill College.

THE FACULTY OF ARTS.—The courses of study extend over four Sessons of eight months each. In the third and fourth years, extensive options and certain exemptions are allowed to students of medicine. The course of study leads to the Degrees of B.A., M.A., B.Sc., M.Sc., D.Sc., and D.Litt.

The Degree of B.A. from this University admits the holder to the study of the learned professions without preliminary examination in the Provinces of Quebec and Ontario, and in Great Britain and Ireland, etc.

The Degree of B.A. or B.Sc. can be obtained along with the degree in the Faculty of Medicine or of Applied Science in six years or of Law in five years. This is effected by avoiding the duplication of courses in the same subjects or in those which give the same educational training, and by a proper adaptation of the time tables. A certificate of Literate in Arts will be given along with the degree in either Faculty to candidates who have completed two years in Arts before entering the Professional Faculty.

THE COURSE IN ARTS provides for the education of women in separate classes, with course of study, exemptions, degrees and hoours mentical with those for men.

- THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, Electrical Engineering, Practical Chemistry and Architecture, leading to the Degrees of B.Sc., M.Sc., and D.Sc.
- THE FACULTY OF LAW.—The complete course of Law extends over three Sessions of eight months each, and leads to the Degrees of B.C.L. and D.C.L.
- THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions of nine months each, and leads to the Degrees of M.D., C.M.
- THE FACULTY OF COMPARATIVE MEDICINE AND VETERINARY SCIENCE.

  —The complete course extends over three Sessions of six months each, and leads to the Degre of D.V.S.\*

# II.-Affiliated Colleges.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study in the Affiliated College, or in part in the Affiliated College, and in part in McGill College, as the case may be, and may come up to the University Examinations on the same terms as the students of McGill College.

- THE STANSTEAD WESLEYAN COLLEGE, STANSTEAD, P.Q.—Is affiliated in so far as regards the work of the first two years in Arts. Detailed information may be obtained from the Rev. C. R. Flanders, B.A., D.D., Principal.
- VANCOUVER COLLEGE, VANCOUVER, B.C.—Is affiliated in so far as regards the work of the first two years in Arts. Detailed information may be obtained from J. C. Shaw, Esq., M.A., Principal.

### III.-Affiliated Theological Colleges.

Students of the following Affiliated Theological Colleges may attend the courses of study in Arts, either as undergraduates or partial students, with such facilities in regard to exemptions as may be agreed on.

- THE CONGREGATIONAL COLLEGE OF CANADA, MONTREAL.—Principal, Rev. E. M. Hill, D.D., 58 McTavish St.
- THE PRESBYTERIAN COLLEGE, MONTREAL, in connection with the Presbyterian Church in Canada. Principal, Rev. D. H. MacVicar, D.D., LL.D., 69 McTavish St.
- THE WESLEYAN COLLEGE OF MONTREAL.—Principal, Rev. J. T. L. Maggs, B.A., B.D.
- THE DIOCESAN COLLEGE OF MONTREAL.—Principal, Rev. Henry M. Hackett, M.A., B.D., 201 University St.

Calendars of the above Colleges and all necessary information may be obtained on application to their Principals.

<sup>\*</sup>The complete Calendar, with information respecting all the Faculties, &c., may be obtained from W. Vaughan, Esq., secretary and bursar of the University.

# IV.-McGill Normal School.

THE McGILL NORMAL SCHOOL provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas, and may, on certain conditions, enter the classes in the Faculty of Arts for Academy Diplomas and for the Degree of B.A. Principal, S. P. Robins, LL.D., 32 Belmont St., Montreal, from whom copies of the School announcement may be obtained.

# V.-Affiliated High Schools, Etc.

The following schools are affiliated in the sense of preparing candidates for matriculation:

The Trafalgar Institute for the higher education of women, Simpson St., Montreal, Principal, Miss Grace Fairley. The High School of Montreal, and the Girls' High School of Montreal, Metcalfe St., Principal, Rev. Elson I. Rexford, B.A.

Schools which have prepared successful candidates for the University School Examinations or for matriculation (June, 1901):

High School, Montreal; Girls' High School, Montreal; Abingdon School, Montreal; Miss Symmers' and Miss Smith's School, Montreal; Westmoun\* Acad.; St. Andrew's School, Annapolis Royal, N.S.; Aylmer Academy; Bedford Academy; Bishop's Coll. School, Lennoxville; Coaticook Academy; Compton Ladies' Coll.; Cookshire Acad.; Cowansville Academy; Danville Acad.; Dunham Ladies' Coll.; Gault Institute, Valleyfield; Granby High School; Huntingdon Acad.; Inverness Acad.; Knowlton Acad.; Lachute Acad.; Lennoxville Academy; Magog Mod. School; Mansonville Mod. School; New Westminster H. S.; Orangville High Sch.; Ormstown Acad.; Ottawa Coll. Inst.; Paspebiac Model School; Boys' H. S., Quebec; Girls' H. S., Quebec; Ridley Coll., St. Catharines; Shawville Academy; School for Girls, St. John, N.B.; Sherbrooke Acad.; Sherburne Acad.; Stanstead College School; Sutton Acad.; St. Albans School, Berthier; St. Bonaventure Coll., St. John's, Nfld.; St. Lambert Mod. School; St. Francis Coll. School; High School, St. John, N.B.; St. John's H. S.; Upper Canada Coll.; Vancouver Coll., Vancouver, B.C.; High School, Victoria, B.C.; Waterloo Acad.; Waterville Model School; Williamstown H. S.

# Officers and Members of the Faculty.

# SINCE ITS ORIGIN.

### DEANS.

Dr. W. ROBERTSON, official head of the Montreal Medical Institution 1823, succeeded by Dr. John Stephenson in 1829 as Registrar and Official head of the Faculty up to 1842, when he was succeeded by Dr. A. F. Holmes with title of Secretary. Dr. A. F. Holmes was the first Dean, 1854.

GEO. W. CAMPBELL, 1860. ROBT. CRAIK, 1889. GEORGE ROSS (Vice-Dean), 1889. GEO. W. CARD, 1882.
R. P. HOWARD, 1882.
THOMAS G. RODDICK, 1901.

### REGISTRARS.

JOHN STEPHENSON, 1829. ARCHIBALD HALL, 1842. WILLIAM WRIGHT, 1864.

ROBT. CRAIK, 1869. WILLIAM OSLER, 1877. F. J. SHEPHERD, 1883 (acting). JAS. STEWART, 1884.

R. F. RUTTAN, 1891-1902.

# CHAIR OF MEDICINE .- [Founded 1824].

WILLIAM CALDWELL, 1824.

WILLIAM ROBERTSON, 1833.

ANDREW F. HOLMES, 1842.

R. PALMER HOWARD, 1860.

GEORGE ROSS, 1889.

JAMES STEWART, 1893.

F. G. FINLEY (Asst. Prof.), 1894.

H. A. LAFLEUR (Asst. Prof.), 1894

# CHAIR OF SURGERY .- [Founded 1824].

John Stephenson, 1824. GEO. E. FENWICK, 1875. G. W. CAMPBELL, 1835. T. G. RODDICK, 1890. JAS. BELL (Asst. Prof.), 1891-1894.

# CHAIR OF MIDWIFERY .- [Founded 1824.

WILLIAM ROBERTSON, 1824. JOHN RACEY, 1833. GEO. W. CAMPBELL, 1835. WM. McCulloch, 1842.

ARCHIBALD HALL, 1854. D. C. MACCALLUM, 1868. ARTHUR A. BROWNE, 1883. J. CHALMERS CAMERON, 1886.

### CHAIR OF ANATOMY .- [Founded 1824].

JOHN STEPHENSON, 1824.

WM. E. SCOTT, 1856. OLIVER T. BRUNEAU, 1842. FRANCIS J. SHEPHERD, 1883.

### CHAIR OF CHEMISTRY .- [Founded 1824].

ANDREW F. HOLMES, 1824. ROBT. CRAIK, 1867. ARCHIBALD HALL, 1842.

GILBERT P. GIRDWOOD, 1879. WILLIAM SUTHERLAND, 1849. R. F. RUTTAN (Asst. Prof.) 1891-4 R. F. RUTTAN, 1902.

# CHAIR OF PHYSIOLOGY .- [Founded 1824, Endowed 1897].

STEPHEN C. SEWELL, 1842. JOSEPH M. DRAKE, 1872. ROBERT L. MACDONNELL, 1845. WILLIAM OSLER, 1874.

WESLEY MILLS, 1886.

# CHAIR OF PHARMACOLOGY AND THERAPEUTICS.

### [Founded 1824].

ANDREW F. HOLMES, 1824. ARCHIBALD HALL, 1835. ARCHIBALD HALL, 1835. WILLIAM WRIGHT, 1883. STEPHEN C. SEWELL, 1842. JAMES STEWART, 1883.

A. HALL, 1849. WILLIAM WRIGHT, 1854. A. D. BLACKADER, 1891.

### CHAIR OF BOTANY .- [Founded 1829].

DR. PAPINEAU, 1845.

ANDREW F. HOLMES, 1829. JAMES BARNSTON, 1857. J. W. DAWSON, 1855 and 1858. D. P. PENHALLOW, 1883.

### CHAIR OF CLINICAL MEDICINE .- [Founded 1845].

JAMES CRAWFORD, 1845 and 1852.

ROBT. L. MACDONNELL, 1849.

STEPHEN C. SEWELL, 1850.
R. PALMER HOWARD, 1856.

DUNCAN C. MACCALLUM, 1860.

JOSEPH M. DRAKE, 1868.

GEORGE ROSS, 1872.

RICH'D L. MACDONELL, 1889.

JAMES STEWART, 1891.

F. G. FINLEY (Assoc. Prof.) 1896.

F. G. FINLEY (Asst. Prof.) 1894-6. H.A.LAFLEUR (Asst. Prof) 1895-6. H.A.LAFLEUR (Assoc. Prof.) 1896. C. E. MARTIN (Asst. Prof.) 1899.

# CHAIR OF CLINICAL SURGERY .- [Founded 1845].

JAMES CRAWFORD, 1845. WILLIAM E. SCOTT, 1852. ROBERT CRAIK, 1860.

GEORGE E. FENWICK, 1867. THOMAS G. RODDICK, 1875. DUNCAN C. MACCALLUM, 1856. JAMES BELL (Asst. Prof.) 1891-94. JAMES BELL, 1894.

GEO. E. ARMSTRONG (Asst. Prof.) 1894-6. GEO. E. ARMSTRONG (Assoc. Prof.) 1896.

# CHAIR OF MEDICAL JURISPRUDENCE.

### Founded 1845].

WILLIAM FRASER, 1845.

R. PALMER HOWARD, 1854. FRANCIS C. T. ARNOLDI, 1850.

WILLIAM E. SCOTT, 1851.

WILLIAM WRIGHT, 1852 GEORGE WILKINS, 1883.

# CHAIR OF HYGIENE AND PUBLIC HEALTH.

# [Founded 1871, Endowed 1893].

GEORGE Ross, 1871. THOMAS G. RODDICK, 1873.

WILLIAM GARDNER, 1879. THOMAS G. RODDICK, 1873.

R. L. MACDONNELL, 1886.

ROBERT T. GODFREY, 1875.

ROBERT CRAIK, 1889. WYATT JOHNSTON (Asst. Prof.) 1897.

WYATT JOHNSTON, 1902.

# CHAIR OF PRACTICAL CHEMISTRY .- [Founded 1872].

GILBERT P. GIRDWOOD, 1872. R.F.RUTTAN (Asst. Prof.) 1891-94. R. F. RUTTAN, 1894.

# CHAIR OF OPHTHALMOLOGY AND OTOLOGY.

[Founded 1883].

FRANK BULLER, 1883.

# CHAIR OF GYNÆCOLOGY - [Founded 1883].

WILLIAM GARDNER, 1883.

# CHAIR OF PATHOLOGY.-Founded 1892, Endowed 1893

J. GEO. ADAMI, 1892.

# CHAIR OF LARYNGOLOGY.-[Founded 1893].

G. W. MAJOR, 1893.

H. S. BIRKETT, 1895.

# Benefactors of the Faculty of Medicine.

#### I.-LEANCHOIL ENDOWMENT.

# II.—CAMPBELL MEMORIAL ENDOWMENT.—\$48,906.

Established in 1883 to commemorate the services rendered to the Faculty during forty years by the late Dean, George W. Campbell, M.D., LL.D.

This fund has also been invested, and the income from it utilized for general expenses of the Faculty.

Mrs. G. W. Campbell\$2,000	George Hague, Esq \$ 500
H. and A. Allan 1,500	J. K. Ward, Esq 500
Lord Strathcona and Mount	Warden King, Esq 500
Royal 1,500	·John Sterling, Esq 500
Sir George Stephen, Bart 1,000	John Rankin, Esq 500
R. B. Angus, Esq 1,000	Cantlie, Ewan & Co 500
George A. Drummond, Esq. 1,000	Robt. Reford, Esq 500
Alex. Murray, Esq 1,000	J. & W. Ogilvie 500
Robert Moat, Esq 1,000	Randolph Hersey, Esq 500
W. C. McDonald, Esq 1,000	John A. Pillow, Esq 500
A Friend 1,000	S. Carsley, Esq 500
Duncan McIntyre, Esq 1,000	D. C. McCallum, M.D 500
A. F. Gault, Esq 1,000	S. Greenshields, Son & Co 500
M. H. Gault, Esq 1,000	Jonathan Hodgson, Esq 500
G. W. Stephens, Esq 1,000	Geo. Ross, M.D 500
James Benning, Esq 1,000	T. G. Roddick, M.D 500
R. P. Howard, M.D 1,000	Wm. Gardner, M.D 500
G. B. & J. H. Burland, Esq. 1,000	Cochrane, Cassils & Co 500
Miss Elizabeth C. Benny 1,000	Joseph Hickson, Esq 500
J. C. Wilson, Esq 1,000	Allan Gilmour (Ottawa) 500
Mrs. John Redpath 1,000	R. W. Shepherd, Esq 500
Hon. John Hamilton 1,000	G. E. Fenwick, M.D 300
Miss Orkney 1,000	Miles Williams, Esq 300
Hugh McKay, Esq 1,000	G. P. Girdwood, M.D 250
Hector McKenzie, Esq 1,000	Chas. F. Smithers, Esq 250
Thomas Workman, Esq 1,000	John Kerry, Esq 250
Hugh McLennan, Esq 1,000	A. Baumgarten, Esq 250
O. S. Wood, Esq 1,000	V. R. Elmenhorst, Esq 250
Frank Buller M.D 500	W. F. Lewis, Esq 250
James Burnett, Esq 500	Geo. Armstrong, Esq 250
Andrew Robertson, Esq 500	J. M. Douglas, Esq 250
Robt. McKay, Esq 500	H. Lyman, Sons & Co 250
John Hope, Esq 500	F. J. Shepherd, M.D 250
Alex. Urquhart, Esq 500	Duncan McEachran, Esq.,
R. A. Smith, Esq 500	F.R.C.V.S 200

Benj. Dawson, Esq\$	200	R. J. B. Howard, M.D\$	25					
R. Wolff, Esq	150	R. F. Rinfret, Esq. (Quebec)	20					
James Stewart, M.D	150	Robert Howard, M.D. (St.	-					
Mrs. Cuthbert (New Rich-		Johns)	20					
mond, Q.)	100	Dr. J. & D. J. McIntosh						
J. M. Drake, M.D	100	(Vankleek Hill)	20					
H. W. Thornton, M.D. (New		J. E. Brouse, M.D. (Pres-						
Richmond, Q.)	100	cott)	20					
A. T. Paterson, Esq	100	J. H. McBean, M.D	15					
C. B. Hanvey, M.D. (Yale,		J. C. Rattray, M.D. (Cob-						
B.C.)	100	den, O.)	10					
D. Cluness, M.D. (Nanaimo,	400	J. H. Howard, M.D. (La-						
B.C.)	100	chine)	10					
W. Kinlock, Esq	100	J. W. Oliver, M.D. (Clif-						
Hua Richardson & Co	100	ton, O.)	10					
Hugh Paton, Esq R. T. Godfrey, M.D	100	P. A. McDougall, M.D.						
T. A. Rodger, M.D	100	(Ottawa, O.)	10					
W. A. Dyer, Esq	100	A. Pousette, M.D. (Sarnia,	40					
Geo. Wood, M.D. (Fari-	100	O.)	10					
bault, Min.)	100	A. Ruttan, M.D. (Napanee,	10					
A. A. Brown, M.D	100	James Gunn, M.D. (Durham,	10					
George Wilkins, M.D	100	O.)	10					
R. L. McDonnell, M.D	100	J. McDiarmid, M.D. (Hen-	10					
Joseph Workman, M.D.		sall, O.)	5					
(Toronto)	50	W. J. Derby, M.D. (Rock-	0					
Sir A. T. Galt	50	land, O.)	5					
Henry Lunam, B.A., M.D.		J. Gillies, M.D. (Teeswater.						
(Campbellton, N.B.)	50	0.)	5					
T. J. Alloway, M.D	30	J. B. Benson, M.D. (Chat-						
Griffith Evans, M.D. (Vet.		ham, N.B.)	5					
Department, Army)	25	L. A. Fortier, M.D. (St.						
J. J. Farley, M.D. (Belle-		David, Q.)	5					
ville)	25	J. A. McArthur, M.D. (Fort						
Henry R. Gray, Esq	25	Elgin, O.)	5					
Louis T. Marceau, M.D.	0-	John Campbell, M.D. (Sea-						
(Napierville, Q.)	25	forth, O.)	5					
III Tun I	77.17	T. Fire and the second						
III.—IHE L	JRAK	E ENDOWMENT.						
Given as an annual donation	n fr	om 1891 to 1897 of \$500 per annu	1777					
towards the expenses of the c	hoin	of Dharick	1111					
Contribution in 1997	mair	or Physiology.						
Contribution in 1897 towards	s the	e endowment of the Joseph Mor	ley					
Drake chair of Physiology.								
Walter Drake			000					
		SHOW SHOW AND THE REAL PROPERTY OF THE PERSON OF THE PERSO						
IV.—THE DR (	GEO	Major Donation.						
Prof. Geo. Major, in 1892, contributed \$500 towards the chair of								
Pathology.								
Dr. Geo. Major			- 20					
The same of the sa		3	טניו					

### V.-THE DOW BEQUEST.

A bequest from the late Mrs. Mary Dow in 1892, the interest from which is devoted to the general expenses of the Faculty.

The late Mrs. Mary Dow ..... \$10,000

# VI.—THE MRS. JOHN McDougall's Donation.

A donation from Mrs. John McDougall in 1892 to bear Dr. Craik's name, the interest on which is applied to the general expenses of the Medical Faculty.

Mrs. John McDougall .. .. .. .. .. .. .. .. .. .. .. .. \$1,000

# VII.—THE MOLSON FUND.

A donation from the late Mr. John H. R. Molson in 1893 to enable the Faculty to purchase land and erect an additional wing to its buildings.

John H. R. Molson...... \$60,000

VIII .- THE LORD STRATHCONA AND MOUNT ROYAL ENDOWMENT.

An endowment in 1893 of the chairs of Pathology and Sanitary Science.

Lord Strathcona and Mount Royal ..... \$100,000

# IX.—THE LEARMONT BEQUEST.

A bequest, in 1894, from Miss Jane Learmont, to bear Dr. Craik's name, the interest on which is applied to the general expenses of the Faculty.

### X .- THE LORD STRATHCONA AND MOUNT ROYAL BUILDING FUND.

A donation in 1898 in the names of Lady Strathcona and the Honorable Mrs. Howard, to enable the Faculty to meet the increased demand for laboratory accommodation.

# Faculty of Medicine.

WM. PETERSON, M.A., LL.D., Principal.

ALEXANDER JOHNSON, M.A., LL.D., Vice-Principal.

THOMAS G. RODDICK, M.D., LL.D., F.R.C.S., Dean.

J. G. ADAMI, M.A., M.D., F.R.S., (Edin.), Director of Pathological Museum.

MAUD E. ABBOTT, B.A., M.D., Curator.

F. G. FINLEY, M.B. (Lond.), M.D., Librarian.

MISS M. R. CHARLTON, Assistant Librarian.

### EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica, 84 St. Famille Street. DUNCAN C. MACCALLUM, M.D., Midwifery, 45 Union Avenue. G. P. GIRDWOOD, M.D., Chemistry, 111 University Street.

### PROFESSORS.

THOMAS G. RODDICK, M.D., LL.D. (Edin.), F.R.C.S., Eng. (Hon.), Professor of Surgery, 80 Union Avenue.

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 Union Ave. Francis J. Shepherd, M.D., Professor of Anatomy, 152 Mansfield St.

FRANK BULLER, M.D., Professor of Ophthalmology and Otology, 123 Stanley Street.

James Stewart, M.D., Professor of Medicine and Clinical Medicine, 285 Mountain Street.

GEORGE WILKINS, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 898 Dorchester Street.

D. P. PENHALLOW, B.Sc., M.A.Sc., Professor of Botany, McGill College.

WESLEY MILLS, M.A., M.D., Professor of Physiology. McGill College.

James Chalmers Cameron, M.D., Professor of Obstetrics and Diseases of Infancy, 941 Dorchester Street.

ALEX. D. BLACKADER, B.A., M.D., Professor of Pharmacology and Therapeutics, and Lecturer on Diseases of Children, 236 Mountain Street.

R. F. RUTTAN, B.A., M.D., Professor of Chemistry, 1018 Sherbrooke Street.

James Bell, M.D., Professor of Clinical Surgery, 873 Dorchester Street.

J. G. ADAMI, M.A., M.D. (Cantab.), F.R.S. (Edin.), Professor of Pathology, McGill College.

F. G. FINLEY, M.B. (Lond.), M.D. (McGill), Assistant Professor of Medicine and Associate Professor of Clinical Medicine, 1013 Dorchester Street.

HENRY A. LAFLEUR, B.A., M.D., Assistant Professor of Medicine and Associate Professor of Clinical Medicine, 58 University Street.

GEORGE E. ARMSTRONG, M.D., Associate Professor of Clinical Surgery, 320 Mountain Street.

H. S. BIRKETT, M.D., Professor of Laryngology, 123 Stanley Street.

T. J. W. Burgess, M.D., Professor of Mental Diseases, Protestant Hospital for the Insane, Verdun.

WYATT JOHNSTON, M.D., Professor of Hygiene, 81 McGill College Avenue.

- C. F. MARTIN, B.A., M.D., Assistant Professor of Medicine and Clinical Medicine, 33 Durocher Street.
- E. W. MacBride, M.A., D.Sc., Professor of Zoology, 76a Crescent Street.

# LECTURERS.

- W. S. Morrow, M.D., Lecturer in Physiology, 82 Union Avenue.
- JOHN M. ELDER, B.A., M.D., Lecturer in Surgery and Clinical Surgery, 4201 Sherbrooke Street.
- J. J. GARDNER, M.D., Lecturer in Ophthalmology, 211 Peel Street.
- J. A. Springle, M.D., Lecturer in Applied Anatomy, 1237 Dorchester Street.
- F. A. L. Lockhart, M.B. (Edin.), Lecturer in Gynæcology, 38 Bishop St.
- A. E. GARROW, M.D., Lecturer in Surgery and Clinical Surgery, 2726 St. Catherine Street.
- W. F. HAMILTON, M.D., Lecturer in Clinical Medicine, 287 Mountain St.
- G. GORDON CAMPBELL, B.Sc., M.D., Lecturer in Clinical Medicine, 117 Metcalfe Street.
- J. G. McCarthy, M.D., Lecturer and Senior Demonstrator in Anatomy, 61 Drummond Street.
- D. J. Evans, M.D., Lecturer in Obstetrics, 939 Porchester Street.
- N. D. Gunn, M.D., Lecturer in Histology, 49 Union Avenue.
- J. W. STIRLING, M.B. (Edin.), F.R.G.S., Lecturer in Ophthalmalogy, 255 Mountain Street.
- J, ALEX. HUTCHISON, M.D., Lecturer in Clinical Surgery, 70 Mackay St.
- A. G. Nichols, M.A., M.D., Lecturer in Pathology, 2728 St. Catherine Street.
- J. T. HALSEY, M.D. (Columbia), Lecturer in Pharmacology, 48 Durocher Street.
- W. W. CHIPMAN, B.A., M.D. (Edin.), F.R.C.S. (Edin.), Lecturer in Gynæcology, 287 Mountain Street.

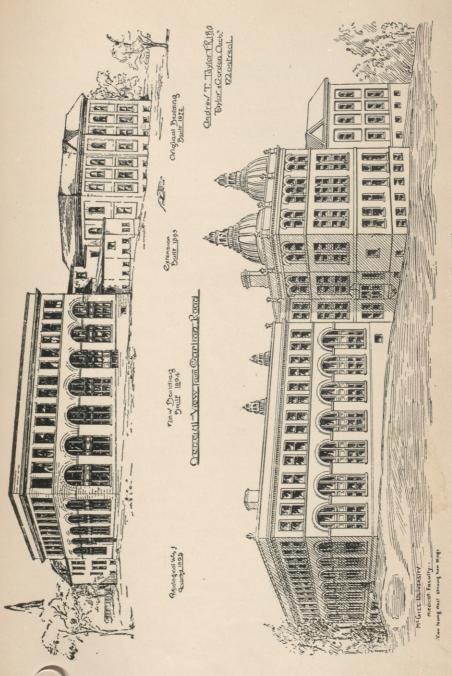
#### FELLOWS.

- P. G. WOOLLEY, B.S., M.D., Fellow in Pathology, McGill College.
- G. A. CHARLTON, M.D., Fellow in Pathology, McGill College.
- W. M. FORD, B.A., M.D., Fellow of the Rockefeller Institute, McGill College.

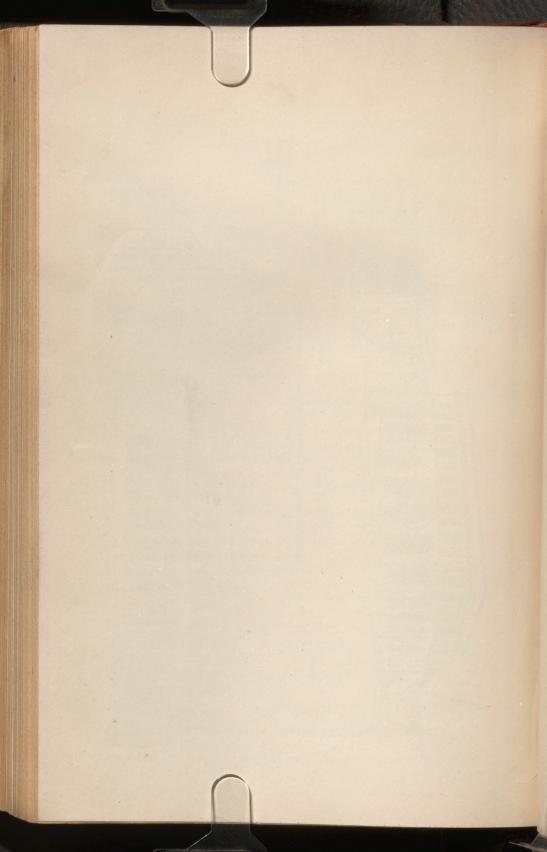
# DEMONSTRATORS AND ASSISTANT DEMONSTRATORS.

- R. TAIT McKenzie, M.A., M.D., Demonstrator of Anatomy, 913 Dorochester Street.
- J. A. HENDERSON, M.D., Demonstrator of Anatomy, 34 Park Ave.
- J. W. Scane, M.D., Demonstrator of Physiology, 4469 St. Catherine St.
- KENNETH CAMERON, B.A., M.D., Demonstrator of Clinical Surgery, 903 Dorchester Street.
- E. J. Semple, B.A., M.D., Demonstrator of Surgical Pathology, 375 St. Antoine Street.
- R. A. KERRY, M.D., Demonstrator of Pharmacy, 122 Stanley Street.
- J. J. Ross, M.D., B.A., Demonstrator of Anatomy, 414 Bourgeois
- A. F. ORE, M.D., Demonstrator of Anatomy, 900 Dorchester Street.

- H. B. Yates, B.A. ((Cantab.), M.D., Demonstrator of Bacteriology, 257 Peel Street.
- A. A. ROBERTSON, B.A., M.D., Demonstrator of Physiology, 1066 St. Catherine Street.
- J. D. CAMERON, B.A., M.D., Demonstrator of Gynæcology, 2068 St. Catherine Street.
- D. D. MacTaggart, B.A., M.D., Demonstrator of Pathology, 705 Sherbrooke Street.
- D. P. Anderson, B.A., M.D., Demonstrator of Pathology, 100 Park Avenue.
- S. RIDLEY MACKENZIE, M.D., Demonstrator of Clinical Medicine, 144
  Peel street.
- H. D. Hamilton, M.D., Demonstrator of Laryngology, 141 Crescent Street.
- J. McCrae, B.A., M.D., Demonstrator of Pathology M.G. Hospital.
- JAMES BARCLAY, M.D., Demonstrator of Obstetrics, 59 Metcalfe Street.
- W. G. M. BYERS, M.D., Demonstrator of Ophthalmology and Otology, 192 Peel Street.
- J. A. WILLIAMS, M.D., Assistant Demonstrator of Bacteriology, 450 Guy Street.
- R. A. WESTLEY, M.D., Assistant Demonstrator of Anatomy, 238 Bishop Street.
- H. M. CHURCH, M.D., Assistant Demonstrator of Anatomy, 354 Greene Avenue.
- A. T. Bazin, M.D., Assistant Demonstrator of Anatomy, 46 Richmond Square.
- H. B. Fraser, B.A., M.D., Demonstrator of Histology, 1171 St. Denis Street.
- W. M. Fisk, M.D., Demonstrator of Histology, 49 Prince Arthur Street.
- H. D. IRVINE, M.D., Assistant Demonstrator of Clinical Chemistry, 4356 St. Catherine Street.
- W. K. Brown, M.D., Assistant Demonstrator of Clinical Chemistry, 99 University Street.
- E. A. ARCHIBALD, B.A., M.D., Assistant Demonstrator of Pathology, 913 Dorchester Street.
- A. Mackenzie Forbes, M.D., Assistant Demonstrator of Anatomy, 122 Stanley Street.
- H. R. D. GRAY, B.A., M.D., Assistant Demonstrator of Obstetrics, 59 Beaver Hall Hill.
- D. A. SHIRRES, M.D. (Aberdeen), Demonstrator of Neuropathology, 919 Dorchester Street.
- C. F. WYLDE, M.D., Assistant Demonstrator of Clinical Microscopy, 56 Mackay Street.
- F. B. Jones, M.D., Assistant Demonstrator of Clinical Microscopy, 501 Sherbrooke Street.
- H. B. Cushing, B.A., M.D., Assistant Demonstrator of Histology, 68 St. Matthew Street.



View from Carlton Road Shewing New Wings,



# Faculty of Medicine.

Foundation and Early History.

The Seventy-first Session of this Faculty will be opened on Tuesday, September 23rd, 1902, by an introductory lecture at 3 p.m. The regular lectures in all subjects will begin on September 24th, at the hours specified in the time-tables, and will be continued until May 23rd, 1903, when the annual examinations will begin.

The Faculty of Medicine of McGill University was founded in 1822 as a medical school under the name of the "Montreal Medical Institution," by Drs. W. Robertson, W. Caldwell, A. F. Holmes, J. Stephenson and H. P. Loedel—all of them at the time members of the staff of the Montreal General

Hospital.

Although founded in 1822, yet no session of the "Medical Institution" was held until 1824 when it opened with 25 students; in 1844 the number of students in the Faculty was 50; in 1851, 64, with 15 graduates; in 1872-73, 154, with 35 graduates; in 1892-93, 315, with 46 graduates; in 1895-96, 419, with 90 graduates; in 1900-1901, 465 students were registered.

There were no sessions held during the political troubles from 1836 to 1839, and it is owing to this fact that the present is the 71st session of the Faculty. This is in reality the seventy-fourth session of the school, which is the direct con-

tinuation of the "Montreal Medical Institution."

In 1829 the "Medical Institution" was recognized by the Governors of the Royal Institution as the Medical Faculty of McGill University. At this time the lectures were given in a building on the site of the present Bank of Montreal.



Later the school was removed to a brick building, still standing near the corner of Craig and St. George streets.

In 1846 the lectures of the Faculty were given in the present central building of the University now occupied by the Faculty of Arts. On account of the inconvenience arising from the distance of the University buildings from the centre of the city, it was decided in 1850 to erect a Medical school building on Coté Street. This building, provided with ample accommodation for Library and Museum and furnished with a large dissecting room and two lecture rooms was occupied for the first time during the session of 1851-52, and sufficed for the wants of the Faculty until 1872-73, when the front building of the present block was provided by the Governors of the University.

In 1885 this building in the University grounds, erected by the Governors for the use of this Faculty, was found inadequate. A new building was then added, which at the time afforded ample facilities for carrying out the great aim of the Faculty,—that of making the teaching of the primary branches thoroughly practical.

Owing to the larger classes and the necessity for more laboratory teaching, the Lecture Rooms and Laboratories added in 1885 soon became insufficient in size and equipment to meet the requirements of the Faculty. The late Mr. John H. R. Molson with timely generosity came to the aid of the Faculty, and in 1893 purchased property adjoining the college grounds, and enabled the Faculty to erect new buildings and extensively alter and improve those already in use.

These wings were completed and officially opened by His Excellency, the Earl of Aberdeen, visitor of the University, January 8th, 1895. They were erected as an extension of the old ones, towards the northwest, partially facing Carlton road, and convenient to the Royal Victoria Hospital. They connected the Pathological building, a private residence acquired in 1893, with the older buildings, and comprised a large lecture room, capable of accommodating 450 students,

with adjoining preparation-rooms and new suites of laboratories for Pathology, Histology, Pharmacology and Sanitary Science. The laboratories, etc., in the older buildings were

also greatly enlarged and improved.

On the ground floor the Library and Museum were enlarged. The original library of the building erected for the Faculty by the Governors in 1872 was furnished as a reading room for the use of students, and the extensive reference library of the Faculty was thus for the first time made available for the use of the students.

On this floor were also the Faculty room, the Registrar's office, the special museum for Obstetrics and Gynaecology, together with Professors' rooms, etc. The chemical laboratories were increased by including the laboratories formerly used by the department of Physiology.

In the basement were the janitor's apartments, cloak rooms with numerous lockers for use of students, the Lavatory, etc., recently furnished with the most modern sanitary fittings.

In less than five years the extension of the practical laboratory work and the increase in the number of students and teachers made an enlargement of the buildings almost imperative. Before, however, the want of space and equipment was very seriously felt Lord Strathcona generously provided means to meet the requirements.

# The New Buildings.

The Faculty has great pleasure in announcing that the new Medical Buildings were formally opened by H.R.H. the Prince of Wales, September 19th, 1901, and are now complete and fully equipped. They are the gift of Lord Strathcona, who in the names of Lady Strathcona and the Honorable Mrs. Howard in 1898 contributed \$100,000 towards extensions and alterations of the Medical Buildings. These buildings, the result of this munificent donation, will have more than twice the capacity of the buildings occupied during the Session of 1900-1901.

The alterations and extensions may be described as consisting of three wings. First, a Laboratory wing. This is

an exact duplicate of the Molson wing erected in 1893 as part of the alterations and extensions of the building which the Faculty was enabled then to undertake through the generosity of Mr. John H. R. Molson. This wing occupies the north-east corner of the block of buildings and replaces what was formerly the Pathology wing. A second wing connects this with the front building on the east, and the third wing connects the Molson block with the original building on the west side.

The central wings extend east and west about 70 feet and form the central feature of what is now a symmetrical block of cut stone buildings. It will be seen that the stone and brick extensions, erected by the Faculty in 1885 have been entirely removed and replaced by these substantial structures. The alterations and extensions now completed form the larger portion of a scheme of complete reconstruction and extension which will ultimately lead to the replacing of the original stone building now remaining by a facade which will project into the University grounds to the south of the buildings and so convert the whole into a single symmetrical structure.

The new building is of four stories except in the front block, where the three original stories remain. The total length of the buildings, as will be seen by the plan, is 280 feet and the maximum width 145 feet. Its cubic capacity is about 1,750,000 cubic feet, making it the largest of the buildings on the University campus.

The ground floor contains the lavatories, locker rooms, furnace rooms, vat rooms, rooms for stores and janitor's dwelling. And in the laboratory wing there is a large recreation room for students, a student's laboratory for pharmacology and therapeutics, a research laboratory and a private room connected with this department.

The first floor, of which a plan has been inserted, contains, to the right and left of the entrance, occupying the whole floor of the original building, a students' library reading-

room, with accommodation for 200 readers, and the pathological museum. The students' reading-room is connected with a fire-proof stack room which contains the valuable library of the Faculty. This stack room has a capacity of 40,000 volumes, the Library at present containing about 24,000. The Pathological museum on the opposite side of the hall connects with rooms beneath the seats of Lecture Room No. IV. which will be used for special collections and for curators' rooms, and four adjoining rooms for the use of professors as private rooms. On the opposite side of the hallway in the central section of the building are, the professors' common room, the Faculty room and the offices of the Registrar.

The most striking feature in the construction of the building is the large central hall or rounda extending from the ground floor through the three stories to the roof, lighted by skylight occupying the whole length of the middle section. This hall is 70 feet long by 45 feet wide with galleries at each floor connecting the various laboratories and lecture rooms with broad staircases at each end.

The northern section contains the Chemical Laboratory, 80 feet long by 45 feet wide, and the ceiling 20 feet high, surrounded with draft cupboards, and has benches for 150 to 180 students. Connected with this room is a commodious research laboratory for advanced work in medical chemistry, and a small professor's laboratory. On the opposite side of the hall is a large lecture room with a seating capacity of from 400 to 450, together with students' reading-room for periodicals and newspapers, a small cloak room and preparation rooms connected with the lecture room.

The floor above in the two southern sections is devoted entirely to Anatomy. The dissecting room occupying the top of the front building remains unchanged, and is connected on the west with a series of demonstrators rooms, a private dissecting room and two rooms for the professor of this department. These rooms surround Lecture Room No. II,

especially arranged for lectures in Anatomy. On the opposite side of the hall, occupying the same area as the lecture room and adjoining rooms is the anatomical museum. Intervening between this and the dissecting room on the east side are, a small demonstration room, locker rooms and service rooms connected with the department of anatomy.

In the northern section are the museum for Hygiene and the Hygiene laboratory. These rooms extend the whole dis-

tance across the east and west wings.

On the top floor are the departments of Physiology, Pathology, Bacteriology and Histology. The department of pathology and bacteriology has a laboratory of the same dimensions as the chemical laboratory, 80 x 45 feet, especially well lighted by three large roof lights in addition to the lights on both sides. Besides the tables, lockers, etc., provided for students in this department, there is a small demonstrating theatre and a series of small rooms for advanced work and for special purposes. These include a dark room, an incubator room, reference library and three private laboratories. On the opposite side of the hall occupying a similar floor area are the laboratories for physiology consisting of a students' laboratory which has been especially equipped this year with sets of apparatus for the practical study of the principles of physiology by the graphic method. Connecting the students' laboratory with lecture room No. I., to be used for physiology chiefly, are a series of four rooms for advanced work and special research, service rooms and store rooms.

Occupying the entire northern end of this floor is the Histological laboratory with an adjoining room for private work. This laboratory is 105 feet long and affords space for the use of 150 microscopes at one time.

The laboratory wing is ventilated by a system of artificial ventilation, a powerful fan supplying each laboratory with warm fresh air, while extraction flues, to which extraction fans are attached, draw off the foul air from each room in this wing.

It will thus be seen that the new buildings of the Medical Faculty will contain four lecture rooms, three of which have a seating capacity of 250, the fourth from 400 to 450. There are five museums, namely, for Pathology, Anatomy, Obstetrics and Gynaecology, Pharmacy and Hygiene. Other collections are being made and space has been arranged for their accommodation.

Extensive locker rooms have been arranged so that at a nominal cost each student will have a locker for himself. Lockers will also be provided in connection with each of the large laboratories in which the student would be required to keep his own material, instruments, etc.—as for instance, in connection with the dissecting room and the laboratories for Pathology and Bacteriology. In addition to the large reading room of the Library and the recreation room on the ground floor of the Laboratory wing, a small reading room is provided for the use of students and controlled by the students' Medical Society, in which would be kept the daily papers, periodicals, etc.

I.

### Endowments.

The first endowments of the Faculty were the "Lean-choil" and "Campbell Memorial" funds. The former was a gift of Lord Strathcona; the latter subscribed by the citizens of Montreal and graduates of Medicine of the University. A portion of these funds was expended in increasing the laboratory and lecture room accommodation in 1885, the interest on the balance being applied to general maintenance.

In 1893 Lord Strathcona endowed the Chairs of Pathology and Public Health with \$100,000. This gift enabled the Faculty to equip and develop these departments until they are quite up to the requirements of modern medical science.

Various other endowments, such as the Drake Endowment of Physiology and the bequests of the late Mrs. Mary Dow, Mrs. John MacDougall and Miss Jane Learmont, have enabled the Faculty to maintain a high standard of laboratory teaching without proportionately increasing the cost of the course to the student.

In 1899 Lord Srathcona and Mount Royal again came to the aid of the Faculty. He gave, in the names of Lady Strathcona and the Honorable Mrs. Howard, one hundred thousand dollars, to be used partially to meet the cost of extending the Laboratories, Library and Museum, and partially as a fund, the interest on which is to be applied to replace the loss of the graduation fees, formerly used to support the Medical Library and Museum, but which are now required by the Governors for general university expenses outside the Faculty of Medicine.

The thanks of the Faculty are also due to Mr. David Morrice, who has recently come forward with a donation of upwards of three thousand dollars to meet the cost of increasing the equipment of the Laboratory of Pharmacology.

### IT.

#### Matriculation.

# I. Regulations of the Faculty of Medicine of McGill University.

Every student before he can be enregistered as an undergraduate in Medicine must present a certificate of having passed the Matriculation Examination of the Faculty of Medicine or Arts of this University, or of having passed some State or University examination accepted by this University.

Graduates in Arts of any recognized university and those who have passed the Entrance Examination of a Provincial Medical Council and thus become enregistered students in medicine of a province in Canada, are exempt from further preliminary examination.

Students from the United States who have passed a State or University examination fully equivalent to that required by this University may at the discretion of the Faculty be admitted to the study without further examination.

The Matriculation Examination of the University for Medicine is held twice each year, in June and September, at the same time as that for Arts and Science.

The fee for this examination is five dollars, payable on application to the Secretary of the University, W. Vaughan.

Papers for the spring examinations will be sent to local centres on application to the Acting Secretary. An additional fee of four dollars, to meet local expenses, will be charged for such examination.

The September examinations are held just before the lectures in Medicine begin. These are held in McGill College, Montreal, only, and at these examinations alternative books in classics will be accepted.

Examinations begin on June 9th, 1902, in McGill College and local centres; and on September 1 th, 1902, in McGill College only.

### Conditional Students.

Candidates who fail to pass the September Matriculation Examination in not more than one subject, other than Latin, may, if so recommended by the Faculty, enter the First Year Undergraduate Course as Conditioned Students with the view of subsequently obtaining full undergraduate standing, by passing the examination prescribed by the Board of Matriculation Examiners. Credit will be given, in the undergraduate course, for the work done by such Undergraduates while attending as Conditioned Students.

Matriculation Examination conditions must be removed before the commencement of the second Session after entrance; they cannot be carried forward into any subsequent year.

#### Partial Students.

Partial Students may, subject to the approval of the Professor, attend any class without previous examination.

Partial Students who subsequently obtain undergraduate standing by passing the Matriculation Examination may, as Undergraduates, be exempted, at the discretion of the Faculty, from a particular course or courses of lectures which they have attended as Partial Students.

Requirements for Matriculation into Faculty of Medicine.

In 1902 :-

- I. English and History.
- 2. Mathematics, Part I.
- 3. Latin.
- 4. One of the following:

French, German, Greek, Chemistry, Physics.

In 1903 and subsequently:-

- 1. English and History.
- 2. Mathematics, Part I.
- 3. Latin.
- 4. Chemistry.
- 5. Physics.
- 6. One of the following:

Greek, French, German.

# I. Compulsory Subjects.

Details of the Subjects.

English and History.

Dictation.

Grammar.—A paper on English Grammar, including Analysis. The candidate will be expected to show a good knowledge of Accidence, as treated in any grammar prepared for the higher forms of schools. A similar statement applies to grammatical Analysis. Candidates are required to state the class to which any subordinate sentence belongs, and to arrange and define the various members of all sentences set. Failure in Analysis and Parsing will cause the rejection of the paper. West's English Grammar for Beginners is recommended as a text-book.

British History.—Candidates will be required to give the chief details of leading events. While any text-book written for the upper forms of schools may be used in preparation for the examination, Gardiner's Outline of English History (Longmans), is recommended.

Composition.—Candidates will write a short essay on a subject given at the time of the examination.

Literature.—1902.—(a) Scott's Lady of the Lake (ed. Stuart, Macmillan), or selections from Tennyson, Part I. (ed. Rowe and Webb, Macmillan); (b) Shakspere's Richard II. (ed. Deighton, Macmillan.)

1903. As in 1902.

1904. Selections from Tennyson, Part I. (ed. Rowe & Webb, Macmillan); Shakspere's Merchant of Venice.

The requirements for the Junior Leaving English of the Province of Ontario will be accepted.

# Mathematics.

Arithmetic.—Elementary Rules, Vulgar and Decimal Fractions, Indices, Surds, Simple and Quadratic Equations Square Root, and a knowledge of the Metric System.

Geometry.—Euclid's Elements, Books I, II, III, with easy deductions; or an equivalent.

Algebra.—Elementary Rules, Involution, Evolution, Fractions, indices, Surds, Simple and Quadratic Equations of one or more unknown quantities, as in Hall and Knight's Elementary Algebra to end of Surds (omitting portions marked with an asterisk), or in similar text-books.

#### Latin.

Grammar.

Texts.—(Translation and grammatical study):—

1902—Caesar, De Bellico Gallico IV. and V. Virgil, Aeneid II.

1903—Cornelius Nepos, Lives of Miltiades and Epaminondas (G. H. Nall in Macmillan's Elementary Classics).

1903 — Caesar, De Bello Gallico, I. and II.
Ovid, Stories from the Metamorphoses (as in Gleason's "A Term of Ovid," pages 1 to 53,
American Book Company).

1904—As in 1903.

Translation at Sight, and Prose Composition (sentences and easy narrative based upon the prescribed texts).

The requirements for the Junior Leaving Latin of the Province of Ontario will be accepted in place of the texts specified above. At the September Examination other texts in Latin equivalent to those specified may be accepted, if application be made to the Secretary of the Board of Matriculation Examiners at least a month before the day of the examination.

# Optional Subjects.

One to be taken with above compulsory subjects.

# Chemistry.

Elementary Inorganic Chemistry, comprising the preparation and properties of the chief non-metallic elements and their more important compounds, the laws of chemical action, combining weight, etc. (The ground is simply and effectively covered by Remsen's "Elements of Chemistry" (Macmillan), pp. 1 to 165.

### French.

Grammar.—Accidence and Syntax. Candidates will be required to possess an exact knowledge of the common elements. Bertenshaw's French Grammar is recommended as containing the amount required for the examination.

Translation at Sight from French into English. Translation into French of easy English passages. Brief reproduction in French of a story read by the examiner in English.

#### German.

Grammar.—A thorough knowledge of German accidence.

Translation.—Candidates must be able to translate into
German with tolerable correctness exercises approximately

equal in difficulty to those contained in the First Part of Van der Smissen's High School German Grammar, or in the First and Second Parts of the Joynes-Meissner German Grammar (Heath & Co.).

#### Greek.

Grammar.

Texts.—(Translation and grammatical study):—

1902—Xenophon, Anabasis I. or II.

1903—Xenophon, Anabasis I. (as in White's Beginners' Greek Book, pp. 304-428), or Xenophon, Anabasis II.

1904—As in 1903.

Translation at Sight, and Prose Composition (sentences or

easy narrative based upon the prescribed texts).

The requirements for the Junior Leaving Greek of the Province of Ontario will be accepted in place of the texts specified above. At the September Examination other texts equivalent to those specified may be accepted if application be made to the Secretary of the Board of Matriculation examiners, at least one month before the date of the examination.

### Physics.

Properties of Matter; Elementary Mechanics of Solids and Fluids, including the Laws of Motion, Simple Machines, Work, Energy; Fluid Pressure and Specific Gravity; Thermometry, The effects and modes of transmission of Heat. (See, for instance, Gage's Introduction to Physical Science, ch. I-V.)

### Dates of the Examinations.

2. The examinations in 1902 will commence on June 9th and on September 10th. Special arrangements may be made for the examination of candidates who are prevented by severe illness or domestic affliction from presenting themselves on these dates.

The time-table for the June Examination will be as follows:—

Mon. 9th, 9 a.m.—English Grammar.

10.30 a.m.—English Dictation and Composition.

2 p.m.—Mathematics, Part I. (Algebra).

3.30 p.m.—French.

Tues. 10th, 9 a.m.—Mathematics, Part I. (Arithmetic).

10.30 a.m.—History.

2 p.m.—Mathematics, Part I. (Geometry).

4 p.m.—Mathematics, Part. II. (Trigonometry).

Wed. 11th, 9 a.m.—Latin.

2 p.m.—Chemistry.

3.30 p.m.—Physics.

Thur. 12th, 9 a.m.—Mathematics, Part II. (Algebra and Geometry).

11 a.m.—English Literature.

2 p.m.—German.

4 p.m.—Physiography.

Fri. 13th, 9 a.m.—Greek. 2 p.m.—Botany.

The time-table for the September Examination will be as follows:—

Wed. 10th, 9 a.m.—Latin Books and Sight Translation.

2 p.m.—Latin Grammar and Composition.

2. 11th, 9 a.m.—Mathematics, Part I. (Geometry).
2 p.m.—Mathematics, Part I. (Arithmetic and Algebra).

Fri. 12th, 9 a.m.—English Grammar and History.

2 p.m.—English Literature, Dictation, Composition.

Mon. 15th, 9 a.m.—French. 2 p.m.—German. Tues. 16th, 9 a.m.—Mathematics, Part II. 2 p.m.—Physiography, Botany, Chemistry,

Physics.

Wed. 17th, 9 a.m.—Greek Books and Sight Translation.
2 p.m.—Greek Grammar and Composition.

- 3. The fee for the examination is payable, except in the case of examination at a local centre (see below), to the Registrar of the University, or the Secretary of the Board of Matriculation Examiners.
- 4. In order to obtain an examination at a local centre, any Head Master or other person must, before May 10th, submit to the Secretary of the Board of Matriculation Examiners, the name of some suitable person, preferably a University Graduate, who is willing to act as Deputy Examiner, *i.e.*, receive the questions, hold the examinations, and forward the answers to Montreal.

The fee for this local examination must be paid to the Deputy Examiner before the commencement of the examination. The University will not be responsible for local expenses.

- 5. Candidates may take Arithmetic, and all the English subjects except Literature at the Matriculation Examination of one year, and the remainder at the Matriculation Examination of the following year.
- 6. Candidates who fail in one or more subjects at the June Examination, or who have taken part only of the examination, and present themselves again in the following September, will be re-examined in all subjects except those in which the Examiners have reported them as having obtained not less than 50 per cent.
- 7. Candidates who fail to pass at the September Examination may, if so recommended, enter the First Year Undergraduate Course as Conditioned Students, with the view of subsequently obtaining full undergraduate standing by passing an examination prescribed by the Board of Matriculation Examiners.

- 8. Candidates who have passed Academy Grade II of the Province of Quebec, or the Preliminary subjects of the University School (A. A.) Examinations, are exempt from examination in Arithmetic, English Grammar, Dictation, and English History.
- 9. The following examinations are accepted pro tanto in lieu of the Matriculation Examination, i.e., in so far as the subjects and standard are, to the satisfaction of the Board of Matriculation Examiners, the same as and equivalent to those required for the Matriculation Examination of the University; but candidates offering certificates of having passed such examinations will be required to make good their standing by passing the Matriculation Examination in such of the required subjects, if any, as are not covered by their certificates.

The Entrance or Matriculation Examination of the various Medical Boards of Canada.

The University School (A.A.) Examinations.

The First Year Entrance Exhibition Examinations, particulars of which are set out on pp. 39-42.

The Model School Riploma Examinations of the McGill Normal School, under conditions.

The Matriculation or Leaving Examinations accepted by the universities of Ontario.

The Leaving Examinations of Nova Scotia.

The Matriculation Examination of Dalhousie University.

The Leaving Examination of Prince of Wales College,
P.E.I.

Applications for exemption from the matriculation examination based upon certificates of having passed some examinations other than those above mentioned will be considered as occasion may require by the Board of Matriculation Examiners. Every such application must be accompanied by the certificates and full particulars, and should be addressed to the Secretary of the Board.

#### Matriculation Fees.

For the Matriculation Examination \$5 00
For candidates who take the examination in part or
who, through failure or other cause, do not com-
plete it—for the first examination 5 00
For any subsequent examination 2 00
For examination of certificates, other than A.A. Cer-
tificates, in respect of which candidates are ex-
empted from the whole of the Matriculation
Examination 1 00
Candidates who have passed the University School (A.A.)
Examination in the required matriculation subjects, and
desire to enter the University, are required to pay the same
fee as that for the Matriculation Examination, viz., \$5.00,
less any sum already paid in connection with the University
School (A.A.) Examination.
Cartificator will be issued to condidator successful in the

Certificates will be issued to candidates successful in the matriculation examinations without additional fee. Duplicate certificates will not be granted unless satisfactory proof be given of a loss or destruction of the original. Thee fee for a duplicate certificate is One Dollar.

### Students of Other Universities Applying for Equivalent Standing.

Any student of another University desirous to be admitted to this University with equivalent standing is requested to send with his application:—

1st.—A Calendar of the University in which he has studied, giving a full statement of the courses of study.

2nd.—A complete statement of the course he has followed.

3rd.—A certificate of the standing gained, and of conduct. These will be submitted to the Faculty who will decide what examination may be necessary before admitting the candidate.

### Registration.

1. Candidates for entrance (Undergraduates, Conditioned Students and Partial Students), are required to attend at the office of the Registrar of the University for the purpose of giving their addresses and other particulars, and of signing the following declaration in the Matricula or Register:

" Ihereby declare that I will faithfully observe the Statutes, rules and ordinances of this University of McGill College to the best of my ability."

- 2. Every Undergraduate or Conditioned Student must produce to the Registrar of the Faculty of Medicine his Matriculation Certificate or other certificate accepted or qualifying the candidate for entrance. The candidate is then entitled to enter as an undergraduate or conditioned student, as the case may be, in the Faculty.
- 3. After the lapse of a fortnight from the commencement of lectures, Professors and Lecturers in charge of classes require every attending student to produce his ticket of admission, and will report to the Registrar the name of any student failing to produce it.

### III.

### II. Requirements for License.

Intending Students are reminded that a University degree in Medicine does not always give a right to practise the profession of Medicine. It is necessary to conform with the Medical laws of the country or province in which it is proposed to begin practice. Each province in Canada at present has its special requirements for its license and in most provinces a special standard of general Education is insisted upon before beginning the study of Medicine.

The requirements for those who intend to practise in any of the Provinces of Canada, or in Great Britain, etc., are as follows:—

# A General Council of Medical Education and Enregistration of Great Britain.

A license from this body entitles the holder to practice in England, Ireland, Scotland and all colonies except the various provinces in Canada. The Matriculation Examination in Medicine of this

University, as described on pp. 11-22, is accepted by the General Medical Council. Graduates of this University desiring to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance on lectures, practical work and clinics are also accepted by the various examining boards in Great Britain. To obtain a licence from the General Council it is necessary for all Canadian graduates to pass one of the examining boards of Great Britain in both primary and final subjects.

Detailed information may be obtained from one of the three registrars: Henry E. Allen, B.A., 299 Oxford St., London, W.; J. Robertson, 54 George St., Edinburgh; S. W. Wilson, 35 Dowson St.,

Dublin.

#### B. The Province of Quebec.

No University Matriculation Examination is accepted by the College of Physicians and Surgeons of this Province. Graduates in Arts of any British or Canadian University are however exempted from

examination on presentation of their Diplomas.

Those who pass the Preliminary Examination described below, or Graduates in Arts who register as students in the C. P. & S., Quebec, on beginning their studies in Medicine, obtain on graduating from McGill University a license to practise in Quebec without further examination in any professional subject.

Graduates who have registered with the General Council of Great Britain are at present admitted to practice without examination. The requirements for the Matriculation Examination of the Province of Quebec for 1902 are:—

LATIN.—Cæsar's Commentaries, Bks. I., II., III.—Virgil's Aeneid, Bks. I. and II.—The Odes of Horace, Bk. I., with a sound knowledge of the Grammar of the Language.

ENGLISH.—For English-speaking candidates.—A critical knowledge of of one of Shakspere's plays, viz., A Winter's Tale, for 1902, with English Grammar, as in Dr. Smith or Mason.

For French-speaking candidates.—Translation into French of the first eight Books of Washington Irving's

passages from the first eight Books of Washington Irving's Life of Columbus, with questions on Grammar. Tra into English of extracts from Fénélon's Télémaque. Translation

FRENCH.—For French-speaking candidates.—A critical knowledge of Racine's "Athalie" and La Fontaine's Fables, Bks. I., II., III., with questions on Grammar and Analysis.

For English-speaking candidates.—Translation into English of passages from Fénélon's Télémaque, with questions on Grammar. Translation into French of easy English extracts.

LETTRES AND RHETORIC.—Principles of the subject as in

Haven's Rhetoric, or Boyd's Rhetoric and Literary Criticism. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, and of the 17th, 18th and 19th cen-turies of England, and France.

History.—Outlines of the History of Greece and Rome, and particular knowledge of the History of Britain, France and Canada. GEOGRAPHY .- A general view, with particular knowledge of Britain,

France and North America.

ARITHMETIC.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.

ALGEBRA.-Must include Fractions and Simultaneous Equations of

the First Degree.
GEOMETRY.—Euclid, Bks. I., II., III., IV. and first 20 propositions of Book VI., or the portion of plane Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes of regular geometrical figures.

CHEMISTRY.—Outlines of the subject as in Remsen's Elements of Chemistry.

BOTANY .- Outlines as in Gray's "How plants grow."

PHYSICS.—Outlines as in Peck-Ganot's Physics.

Philosophy.—Elements of Logic as in Jevon's Logic; Elements of Philosophy, as in Professor Murray's Hand-Book.

The Examinations will be held in September 1902 at Quebec, and in June, 1902, at Montreal. Applications to be made to Dr. J. A. Macdonald, No. 1 Belmont Street, Montreal, or to Dr. J. P. Boulet, Quebec, who will furnish schedule giving text-books and percentage remarks required to pass in each subject.

Examination Fee, twenty dollars. Should the candidate be unsuccessful, one-half of the fee will be returned.

Of the four years' study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College or Incorporated School of Medicine recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the fourth year.

Students wishing to register degrees in Arts must do so before the 15th of September of the year in which they begin the study of Medicine in order to obtain a license as soon as they graduate from the University.

#### C. The Province of Ontario.

Every one desirous of being registered as a matriculated medical student in the register of the College of Physicians and Surgeons of this Province, except as hereinafter provided, must present to the Registrar the official certificate of having passed the "Departmental Pass Arts Matriculation Examination," and in addition Physics and Chemistry—whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts of any University in His Majesty's dominions, are not required to pass this examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications, and upon paying the fee of twenty dollars.

A certificate from the Registrar of any chartered University conducting a full Arts course in Canada, that the holder thereof matriculated prior to his enrolment in such University, and passed the examination in arts prescribed for students at the end of the first year, shall entitle such student to registration as medical student under *The Ontario Medical Act*.

Every medical student, after matriculating, shall be registered in the manner prescribed by the Council, and this shall be held to be the beginning of his medical studies, which shall date from that registration. To become a Registered Practitioner in this province four years' attendance at a recognized Medical School is required and a fifth year to be spent in hospital or laboratory work must elapse before the final examination is granted.

Students are examined in all the subjects of a medical curriculum by the Examining Board of the C. P. & S. of this province at three examinations, a primary (II. year), an intermediate (1V. year), and a final (V. year).

Full details may be obtained on application to Dr. R. A. Pyne, Registrar, Cor. Bay and Richmond Sts., Toronto.

#### D. The Province of New Erunswick.

The matriculation requirements of this province are :-

- 1. English Grammar, Composition, Literature and Rhetoric.
- 2. ARITHMETIC, including vulgar and decimal fractions, extraction of the square and cube root and mensuration.
  - 3. ALGEBRA, to the end of quadratic equations.
- 4. GEOMETRY, first three books of Euclid. 5. LATIN, first two books of Virgil's Æneid, or three books of Cæsar's Commentaries, translation and grammar.
- 6. ELEMENTARY MECHANICS of solids and fluids, comprising the elements of statics, dynamics and hydrostatics. 7. Elementary Chemistry.
- 8. CANADIAN AND BRITISH HISTORY, with questions in modern geography.
- 9. TRANSLATIONS and Grammar of any two of the following languages: Greck, French and German.
- In order to pass, a candidate must make an average of sixty per
- cent., with a minimum of forty per cent. in any one subject.
  Dr. Stewart Skinner, of St. John, N.B., is the Registrar of the Council of Physicians and Surgeons of this province, and will furnish details on application.
- To become registered as a practitioner in this province it is now necessary to pass examinations in all the Professional Branches.

#### E. Province of Nova Scotia.

The regulations of the Provincial Medical Board of this province for 1900-1901 are as follows :-

#### PRELIMINARY EXAMINATION AND REGISTRATION.

1. No person shall begin or enter upon the study of medicine, for the purpose of qualifying himself to practice the same in this province, unless he first produces to the Registrar a certificate from the examiners appointed by the Board to show that he has passed the Preliminary Examination in the subjects prescribed by the Rules and Regulations of the Board, or evidence of having passed such equivalent examination as is accepted by the Board, and unless he causes his name to be forthwith entered in the Medical Students' Register as hereinafter specified (Rule 15).

2. No candidate shall be admitted to the Preliminary Examination unless at least fourteen days previous to such examination he has given notice to the Registrar of the Board of his intention to present himself for such examination, and unless he has produced to the Registrar satisfactory evidence that he has completed his sixteenth year and has paid a fee of ten dollars (\$10.00) to the Registrar.\*

3. The Preliminary Examination will embrace the following subjects, viz.:-

- (1) ENGLISH. (a) Language: Grammar, Analysis, Parsing.
  - (b) Rhetoric and Composition including an essay on one
  - of several set subjects from prescribed authors.; (c) Literature: History of English Literature; critical study of prescribed authors.

#### (2) ARITHMETIC. Complete.

<sup>\*</sup> This fee shall not be returned in case of failure.

<sup>†</sup> For copies of previous examination papers (\$1.00 one entire set) apply to Registrar Provincial Medical Board.

English authors for 1902. DeQuincy, Joan of Arc; Tennyson, The Princess Dickens, Christmas Carol; Scott, Lady of the Lake.

- (3) ALGEBRA. Simple Rules; Itules for the treatment of Indices; Surds; Extraction of Square and Cube Roots; Equations of the First Degree: Quadratic Equations of one unknown quantity.
- (4) GEOMETRY. Euclid, Books I., II., III., with easy deductions.
- (5) HISTORY AND GEOGRAPHY. British and Canadian History with questions in General Geography.
- (6) Latin. (a) Translation from prescribed books, with questions arising out of those books, and translation of easy passages not taken from such books.\*
  - (b) Grammar (c) Composition.
- (7) One of the following:
  - GREEK. (a) Translation from prescribed books, with questions arising out of those books, and translation of easy passages, not taken from such books.†
    - (b) Grammar, as in Elementary Grammars. (c) Composition, as in Frost's Greek Primer.
  - FRENCH. Translation from prescribed books with Grammar Questions limited to the Accidence, and based upon the passages prescribed for translation.t

GERMAN. Translation and Grammar, as under French.

4. Examinations take place twice a year, beginning on the first Thursday in May and the last Thursday in August.
On the same dates local examinations will be held, on application at Sydney, C.B., at Pictou, N.S., and at Yarmouth, N.S. Candidates taking local examinations are required to pay an additional fee of \$2.00.

- 5. Except where otherwise specified, the books prescribed by the Council of Public Instruction for the course leading to the Grade B or High School Junior Leaving Examinations are recommended.
- 6. In order to pass, a candidate must make fifty per cent. of marks in each subject.
- 7. If fifty per cent. is made in all subjects but one, and if in that subject the candidate shall have made at least 25 per cent. he may begin study, and attend for one medical year at any medical college recognized by the Board, and thereafter present himself for examination in that subject alone, without payment of any additional fee, except in cases of candidates taking local examinations, who will be required to pay the usual \$2.00 fee for such examination.
- 8. A candidate failing in more than one subject, or failing to make 25 per cent. in any subject, may not begin professional study; he will, however, at any subsequent examination, be exempted from all subjects in which he has already passed and shall for such examination pay an additional fee of \$5.00, (or \$7.00 if a local examination be taken).
- 9. Certificates will be issued to successful candidates, showing the subjects in which they have passed, and the extent to which their knowledge of these subjects was tested.
- 10. Candidates who have passed the above examination will be admitted without further preliminary examination at all Canadian and American Colleges.

<sup>\*</sup> Latin for 1902. Casar, De Bello Gallico, Book V, with Virgil, Eneid, Book II.

<sup>†</sup> Greek for 1932. Xenophon., Anabasis, Book III

<sup>‡</sup> French for 1902. Voltaire, Charles XII, Books I, II, III. German for 1902. Buchheim, German Reader, Part I.

11. This examination also satisfies the requirements of the General Medical Council of Great Britain as to the preliminary examination which must be passed by persons wishing to register as medical students, provided the candidate shall have passed in all subjects at one examination.

#### EXEMPTIONS.

12. Graduates in Arts or Science of any recognized College or University, also persons who have passed the entrance examination of the Nova Scotia Barristers' Society, are not required to submit to this examination.

13. The Medical Board will also recognize pro tanto the following

examinations

(1) The Matriculation or the Sessional Examinations of any chartered University or College approved by the Board, including McGill University.

(2) The Examinations for Teachers' Licenses, Grade A or B, of

Nova Scotia, with 50 per cent. in required subjects.

(3) The Examinations for Junior or Senior High School Leaving Certificates of Nova Scotia, with 50 per cent. in required subjects.

(4) The Examinations for Honour, First or Second Class Ordinary Diplomas, as issued by the Prince of Wales College, P.E.I., with

50 per cent. in required subjects.

Examinations for First or Second Class Teachers' Licenses of Prince Edward Island, with 50 per cent. in required subjects.

(6) The Examinations for First Class, or Grammar School Licenses

of New Brunswick, with 50 per cent. in required subjects.

(7) The Examinations for corresponding Licenses or Leaving Examination Certificates issued by the Education departments of the other provinces of Canada, with 50 per cent. in required subjects.

(8) The Matriculation or Preliminary Examinations of any Medical Licensing Board or Council authorized by law in His Majesty's

Dominions, with 50 per cent. in each subject

14. After passing his preliminary examination, the medical student may then enter upon his professional course at any University, Medical School or College approved by the Board.

#### REGISTRATION.

15. Immediately after entering upon his course every person engaged in the study of medicine for the purpose of qualifying himself to practice in the Province of Nova Scotia shall forthwith cause to be entered in the register of the Board kept by the Registrar, and called the Medical Students' Register, his name, age, place of residence, date and particulars of his preliminary examination, and place and date of his commencement of the study of Medicine.

16. The fee for such registration is ten dollars (\$10.00), except that candidates who already have paid \$10.00 for the Matriculation

Examination are not required to pay any additional fee.

17. Every student must spend a period of at least four years in actual professional study subsequent to his having passed the Preliminary or Matriculation Examination and being registered as a medical student; and the prescribed period of study shall include four collegiate sessions of at least eight months duration each year.

18. Candidates for the License of this Board will be required subsequent to their registration as Medical Students, to pass three examinations to be known as the First, Second, and Third Profes-

sional Examinations.

19. These examinations will be held annually beginning on the third Wednesday in June of each year. The examinations will be partly in writing, partly oral and practical.



Dr. A. H. W. Lindsay, Halifax, is Registrar of the Provincial Board.

#### Prince Edward Island.

The requirements of this province are the same as for New Brunswick and has reciprocity with both New Brunswick and Nova Scotia. The subjects of the examination are as follows:

- 1. English Grammar, Composition, Literature and Rhetoric.
- 2. ARITHMETIC, including vulgar and decimal fractions and extraction of the square and cute root and mensuration.

3. ALGEBRA, to the end of quadratic equations.
4. GEOMETRY, first three books of Euclid.
5. LATIN, first two books of Virgil's Æneid, or three books of

Cæsar's Commentary, translation and grammar,

6. ELEMENTARY MECHANICS of solids and fluids, comprising the elements of statics, dynamics and hydrostatics, and elementary chemistry.

7. CANADIAN AND BRITISH HISTORY, with questions in modern geography.

8. TRANSLATION and grammar of any two of the following subjects: Greek, French, German.

French, German.

Fifty per cent. of the marks in every subject shall be required for a pass, and 75 per cent. for honours.

The Registrar of the Medical Council is Dr. Richard Johnson,

Prince Street, Charlottetown.

#### Province of Manitoba.

The matriculation examination of McGill University is accepted by this province. The province holds an examination twice per year. The following are the fixed requirements:-(1) LATIN, (2) MATHEMA-TICS, (3) ENGLISH, (4) HISTORY, (5) BOTANY, (6) PHYSICS. Subjects 1, 2, 3, 4 the same as required for the Arts Matriculation of Manitoba University, Parts I. and II., and the same standard shall be required to enable the candidate to pass.

Details of this examination can be obtained from the Registrar of

the University of Manitoba.

#### British Columbia.

The College of Physicians and Surgeons of this province does not hold an examination in general education but accepts the examina-tions recognized by the various boards and universities of the Dominion.

This province examines all candidates for a license in the professional branches, both primary and final. For dates of these examinations see almanack at beginning of the Calendar. Dr. C. J. Fagan, Victoria, B.C., is the Registrar and Secretary of the Council.

### North-West Territories.

The College of Physicians and Surgeons of the North-West Terri-

tories has no standard of matriculation. It accepts that of any Canadian Medical Board or University.

According to the Amended Medical Ordinances (1900), a licenciate of any province in Canada may register and practice in the North-West Territories on payment of the sepcial fee and without exami-nation. The College reserves the right of examining graduates of

J. D. Lafferty, M.D., Calgary, Alberta, is the Registrar. The dates

fixed for examinations will be found in the almanack.

#### Newfoundland.

The Newfoundland Medical Board has a standard of preliminary education equivalent to that required by the General Council of Medical Education of Great Britain.

The examinations for 1901-02 will consist of :-

#### Compulsory.

ENGLISH LANGUAGE. -- Including grammar, composition and literature. ARITHMETIC .- Including vulgar and decimal fractions, and the extraction of the square root.

ALGEBRA.-To the end of simple equations.

GEOMETRY.-Euclid, books i, ii, iii, with easy questions on the subject matter of the same.

LATIN.—Including grammar, translation from specified authors, and translation of easy passages not taken from such authors.† ELEMENTARY MECHANICS of Solids and Fluids.‡

#### Optional.§

HISTORY OF BRITISH AMERICA.-With questions in modern geography. HISTORY OF ENGLAND.-With questions of modern geography. FRENCH.—Translation and grammar. GERMAN.-Translation and grammar. GREEK.-Translation and grammar.|| MAGNETISM AND ELECTRICITY. CHEMISTRY.

(a) The Board will not, in future, accept any certificate of pass th matriculation or preliminary examination in general education, unless the whole of the subjects included in the matriculation or preliminary examination required by the Council for registration of students of

medicine have been passed at the same time.

(b) Provided that a certificate of having passed a University examination required for graduation in Arts, or a senior or higher local University examination, or an Intermediate grade examination of the Council of Higher Education of Newfoundland, or of the Grade I. license for teachers of Newfoundland, wherein the specified subjects of general education are included, may be recognized for the purpose of registration.

In order to pass a candidate must make fifty per cent. of marks in

each subject.

Certificates will be issued to successful candidates showing the subjects in which they passed, and the extent to which their knowledge of these subjects was tested.

Candidates who have passed the above examination will be admitted without further preliminary examination at all Canadian and

American colleges.

Books.-Except when otherwise specified the TEXT prescribed by the Council of Higher Education are recommended.

† As in Blackie's Elemerts of Dynamics, or an equivalent.

<sup>+</sup> Latin for 1902. Casar Gallic War, Book I, or Virgil, Eneid, Book I.

<sup>§</sup> In communicating with the Registrar, students will please state the optional subject

<sup>||</sup> Greek for 1902, Xenophon, Anabasis, Eook I; or Hellenica, Book I.

## TIME TABLES FOR SESSION 1901-1902.

Time Tables for the Session of 1902-03 will be issued to each student with his Lecture Room ticket on enregistration.

#### TIME TABLE OF FIRST YEAR.

TIME TABLE OF FIRST TEAR.								
LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.	
Anatomy	9	9	9	9	9		{ Aut. Term No. II. Winter Term No. 1.	
Physiology	4	4		4	3		Winter & Spring Terms No. 1.	
Chamister (	2		2	2			{ Autumn Term No. III.	
Chemistry			2	2			Winter & Spring Terms No. III.	
Biology		2			2		Autumn Term No. IV.	
Bacteriology	3						Spring Term No. I.	
Laboratory Work.								
Practical Anatomy	10-1	10-1	10-1	10-1	10-1	9-1		
*Prac. Physiology	2-4		3–5				Win. & Sp. Terms.	
*Prac. Histology			4-6		4-6	9-12	Win. & Sp. Terms.	
*Prac. Chemistry	10-12	10-12	10-12	10-12				
*Prac. Biology	3-6				3-6		Biological Labora- tory Art Bld'g. Autumn Term.	
*Bacteriology	3-5				3-6		Spring Term.	

<sup>\*</sup> Class taken in two divisions.

TIME TABLE OF SECOND YEAR.							
LECTURES.	Mon.	Tues.	Wed.	Thur-	Fri.	Sat.	Lecture Theatre.
Anatomy	9	9	9	9	9		Aut. Term No. I. Win. Term. No. II.
Physiology	2		2		2		No. I.
Chemistry	3		3		3		No. III.
Pharmacology and Therapeutics	4				4		No. IV.
Laboratory Work.							Autumn & Winter
Practical Anatomy	10-1	10-1	10-1	10-1	10-1	10-1	Terms.
†Prac. Chemistry	9-11	9-11	9-11	9-11	9-11	.9-11	Spring Term.
†Prac. Physiology		2-5		2-5			Throughout Session.
†Prac. Histology		4-6		4-6		9-12	Autumn Term.
†Demonstrations and Laboratory Work, Pharmaco-		2-4					Throughout Session.

<sup>†</sup> Half the class only.

Norg.—Students of the second year when not engaged in the laboratories are required to attend the Out
Patients' Clinics (only) of M. G. H. or R. V. H. 11 a.m lo 1 p.m.; attendance to average two hours per week.

Certificates required for graduation.

### TIME TABLE OF THIRD YEAR.

LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
Obstetrics	9		9				Win.&Sp.Term No.IV
Gynæcology		9		9			Autumn Term, No. IV
Medicine Surgery			*11-12	10			No. III
Jurisprudence and Mental	10		*12-1		10		No. III
Diseases	11				- 11		No. IV.
Pharmacology and Therapeutics	, . ,	11		11			No. IV
General Pathology and Bacteriology	9		9	9	9		Win. & Sp. No. III Aut. Term No. III
Hygiene		9	5	9		§9–11	Winter and Spring
Clinical Medicine	RVH	1 p.m. MGH		2 p.m. RVH	1 MGH	89-11	
Clinical Surgery	RVH MGH	RVH		MGH	2 p.m. RVH		1
Practical Pathology	4-6	4-6		4-6	4-6		Path. Lab. Winter
Chemistry	4-6	4-6		4-6	4 6		Chem. Lab. Autumn
†Bacteriology	4-6	4-6		4-6	4-6		Path. Lab. Autumn
[Clinical Microscopy	4-6	4-6		4-6	4-5		Path. Lab. Spring
†Operative Surgery	4-6	4-6		4-6	4-6		Dissect. Room, Spring

\* Alternate weeks, M.G.H. and R.V.H. † Optional. ‡ Classes taken in groups. § Weekly for alternate months R.V.H. and M.G.H.

### TIME TABLE OF FOURTH YEAR LECTURES AND CLINICS.

TIME TABLE OF FOURTH TEAR, LECTURES AND CLINICS.							
LECTURES.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Lecture Theatre.
Obstetrics	9	9	9	9	9		Aut. Term No. IV Win. & Sp. No. IV
Surgery Med, and Sur. Pathology Ophthalmology	10	9	‡12-1		10		No. III No. III
Medical and Surgical Anatomy	5						No. IV Autumn Term No. IV
*Out Patients' Clinics {	11-12 12-1	11-12 12-1	11-12 12 1	11 12 12-1	5 11-12 12-1	11-12	M. G. H. R V. H.
Clinical Medicine	1	1		i	1		R. V. H. M. G. H.
Clinical Surgery	2			2	1		M. G. H. R. V. H.
Gynæcological Operations. {		11					M. G. H. R. V. H.
*Clinical Ophthalmology {	3	4	3		4		M. G, H. R. V. H.
+Gynæcological Clinics {  Morbid Anatomy		3		3		11	M. G. H. R. V. H.
Clinical Obstation						§9-11 1-2.30	Maternity Hospital.
*Dermatological Clinic Genito-Urinary Clinic *Diseases of Child			2			11 3	м. G. н. R. V. н.
*Diseases of Children Clinic *Laryngology	4			4	4 3		M. G. H. M. G. H. R. V H.
3/ T- ( )		0 /	1.	•••••	0 1		т. ч н.

<sup>†</sup> Alternate weeks M.G.H. and R.V.H.

IV.

#### COURSES OF LECTURES.

The Corporation of the University, on the recommendation of the Faculty of Medicine, in 1894, consented to the extension of the courses of lectures in medicine over a period of about nine months instead of six.

By this means, (1) The students of the primary years have a more ample opportunity of becoming acquainted, by laboratory work, with those branches of study which form the scientific basis of their profession, and (2) the final students will be able to utilize to better advantage the abundance of clinical material provided in the two Hospitals.

By this arrangement the actual number of didactic lectures per session was decreased, but a corresponding increase was made in the amount of tutorial work and individual teaching in the laboratories for Chemistry, Physiology, Anatomy, Pathology, and Bacteriology, as well as giving more time for clinical work in the Royal Victoria and Montreal General Hospitals, and a greater number of ward classes were also made possible during the session.

The Faculty expects, by thus increasing the time that the different professors, lecturers and demonstrators devote to each student, to accomplish two very important ends: First, to do away with the injurious effects which result from attempting to condense the teaching of medicine and surgery into four or even five sessions of six months; Second, to give each student a sounder and more thoroughly practical knowledge of his profession than could be obtained by attending during even five sessions of six months each.

#### Anatomy.

PROFESSOR, FRANCIS J. SHEPHERD.
LECTURER, APPLIED ANATOMY, J. A. SPRINGLE.

LECTURER AND SENIOR DEMONSTRATOR, J. G. MCCARTHY

DEMONSTRATORS,

R. TAIT MACKENZIE.
J. A. HENDERSON.
J. J. ROSS.
A. E. ORR.

ASSISTANT DEMONSTRATORS,

A. T. BAZIN.
H. M. CHURCH.
A. MACVENZIE FORBES.
R. A. WESTLEY.

Anatomy is taught in the most practical manner possible, and its relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

A course of practical demonstrations in Medical, Surgical and Topographical Anatomy is also given in the final year of the course.

The department of *Practical Anatomy* is under the direct control and personal supervision of the Professor of Anatomy, assisted by his staff of Demonstrators.

The methods of teaching are similar to those of the best European schools, and Students are thoroughly grounded in this branch.

Every student must be examined at least three times on each part dissected, and no certificate is given unless the examinations are satisfactory.

Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Prizes are awarded at the end of the Session for the best examination on the fresh subject.

The Dissecting Room is open from 9 a.m. to 6 p.m. In consequence of the excellent Anatomy Act of the Province of Quebec, abundance of material can always be obtained.

#### Chemistry.

PROFESSOR, R. F. RUTTAN.

The course of this subject is carefully graded. Students of the first year receive lectures on Medical Physics and the general principles and theories of Chemistry. In the second year the course on Chemistry is extended to embrace its application to physiology and medicine, and includes a course in Organic Chemistry. The lectures are fully illustrated by experiments, for which the department is equipped with all modern Lecture-room apparatus.

### Practical Chemistry.

PROFESSOR R. F. RUTTAN,

ASSISTANT DEMONSTRATORS,

W. K. BROWN,

A. IRVINE,

LABORATORY ASSISTANT, CHARLES STEVENSON.

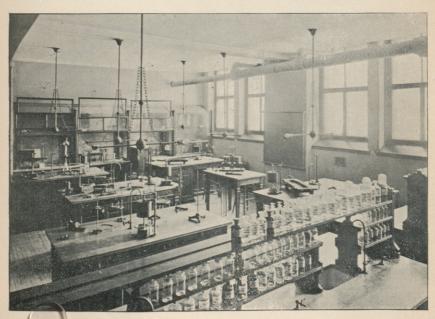
Laboratory instruction in practical chemistry is given during each of the first three years of study throughout one term.

The first year's course illustrates the general principles of chemical action and the properties of typical elements. During the second year the course will include methods of qualitative analysis and the detection of poisons. In the third year a course of clinical and sanitary chemistry is given, in which the student is made familiar with the application of chemistry to the diagnosis and prevention of disease. Special attention is directed to instructing the student in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticised.

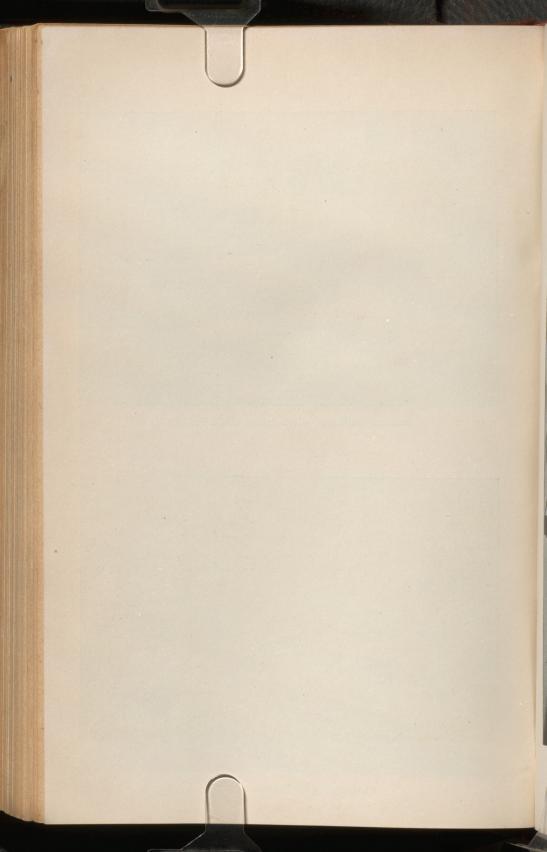
The new chemical laboratories occupy the ground floor of the laboratory wing. The Department of Chemistry has a large students' laboratory, 80 feet by 45, with ceiling 22 feet high, fully supplied with draught cupboards, etc., for classes of 180 students; connected with this is a laboratory for advanced work and post-graduate teaching in medical chemistry; steam, air blast, exhaust pumps, etc., are on each bench. A professors' room and balance room are adjoining.

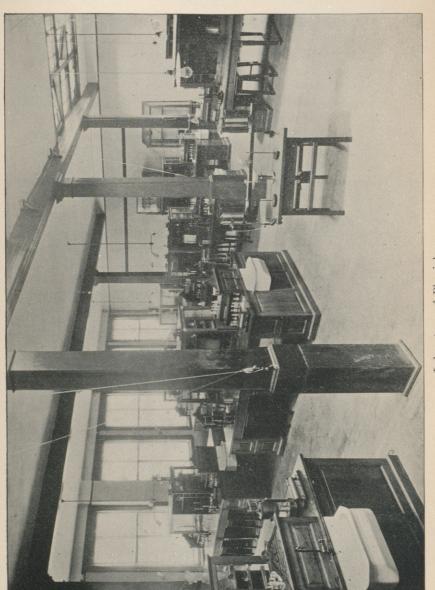


Medical Buildings.—Laboratory of Chemistry.

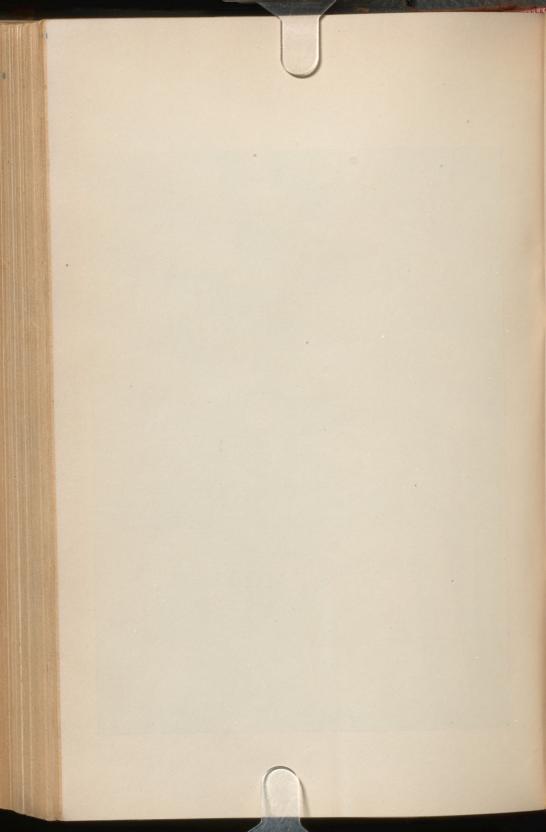


Laboratory of Pharmacology.





Laboratory of Physiology.



#### Physiology.

THE JOSEPH MORLEY DRAKE PROFESSOR, WESLEY MILLS.
LECTURER, W. S. MORROW.

DEMONSTRATORS, J. W. SCANE AND A. A. ROBERTSON.

The purpose of this course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology; its methods, its deductions, and the basis on which the latter rest. Accordingly a full course of lectures is given, in which the physical, the chemical and other aspects of the subject receive attention.

In addition to the use of diagrams, plates, models, etc., every department of the subject is experimentally illustrated. The experiments are mostly free from elaborate technique, and many of them are of a kind susceptible of ready imitation by the Student. The laboratory work for students has been greatly increased and during the session of 1902-1903 apparatus to the value of over three thousand dollars will be added to the students' laboratory.

Laboratory work for Senior Students:-

(1.) During a part of the Session there will be a course on Physiological Chemistry, in which the Student will, under direction, investigate food stuffs, digestive action, blood, and the more important secretions and excretions, including urine. All the apparatus and material for this course will be provided.

(2.) The remainder of the Session will be devoted to the performance of experiments which are unsuitable for demonstration to a large class in the lecture room, or that require the use of elaborate methods, apparatus, etc., together with such as each individual of the class can himself conduct.

Laboratory work for Junior Students:-

This will be somewhat similar to the course for senior students, but simpler and anatomico-physiological rather than chemical; like the work for second year students; its main object will be the illustration of important physiological principles.

The new Physiological Laboratory has been fitted up so as to permit of eighty students engaging in work at one time. The fittings and equipment of each bench are of the latest designs and are well adapted to their purpose. The apparatus was especially made by the best American and European makers and thoroughly tested before being accepted.

Each pair of students is supplied with all the apparatus necessary to carry out the work of verifying a large number of the leading principles of physiology and registering the

results by the Graphic method.

Provision is also made for a course in Physiological Chemistry covering foodstuffs, digestion, the animal fluids, etc.

The experience of the past session has fully justified expectations in regard to the laboratory and the courses prescribed.

For the purposes of group and class demonstration, other and more complicated apparatus is available, and will be

added to as necessity requires.

Additional rooms are provided, seven in number, for a departmental library and professor's office, for preparation apartments, and workshop, and for physiological research.

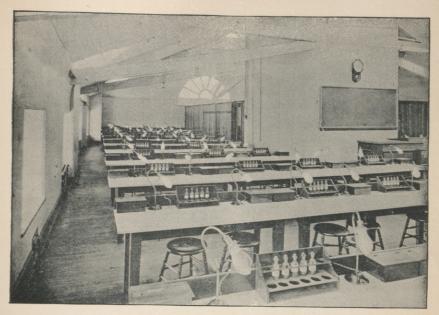
### Histology

PROFESSOR, GEO. WILKINS. LECTURER, N. D. GUNN.

ASSISTANT DEMONSTRATORS,

HUGH B. FRASER. WALTER B. FISKE. H. B. CUSHING.

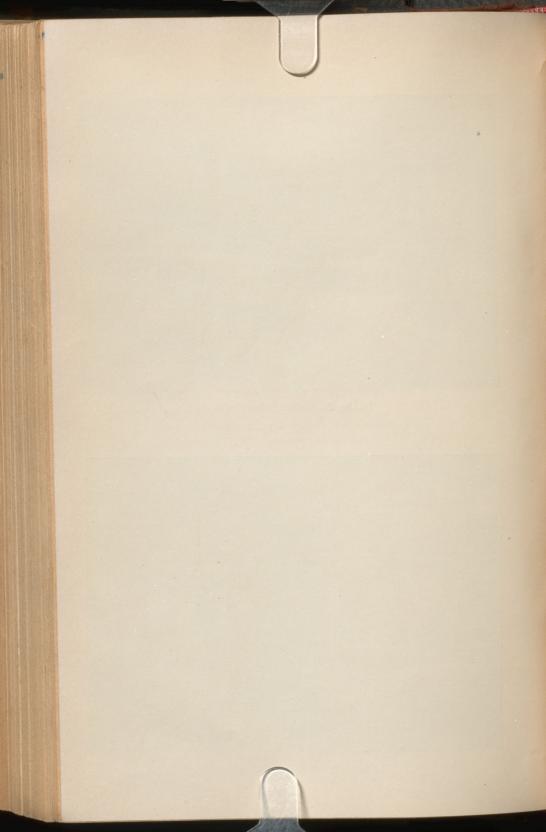
The teaching of Histology and Microscopical Methods is spread over two years. During both years practical instruction will be given upon the preparation and mounting of specimens. Students will also be required to make drawings of the specimens prepared by them.



In the Zoological Laboratories.



Laboratory of Normal Histology.



For the first year students, work will commence immediately after the Christmas holidays and continue until the end of the session. The course will consist of laboratory work and demonstrations, with occasional lectures upon elementary and systematic histology up to and including the digestive system. At the end of the session a practical examination will be held on the work done.

During the second year a course of demonstrations and laboratory work together with lectures will be given on more advanced histology and an examination held at Christmas.

### Pharmacology and Therapeutics.

Professor, A. D. Blackader.

Lecturer, J. W. Halsey.

Demonstrator, R. A. Kerry.

The lectures on this subject are graded in the following manner. For students of the second year, there is (1) a three months' course on Practical Materia Medica and Pharmacy, with demonstrations and exercises in the laboratory. Prescription writing and the various modes of administering drugs are explained and illustrated. (2) A six months' course on the physiological actions of drugs, with practical demonstration of the action of the more important ones. In the third year attention is directed to the Therapeutic Application of all the more important drugs and remedial measures, including Electricity, Hydrotherapy and Climatotherapy.

The new Eddie Morrice Laboratory, comprising a museum of Materia Medica, pharmacological and chemical research rooms, and a large adjoining room for demonstration, has, through the liberality of Mr. Morrice, been fully equipped, and in it during the session 1902-1903 an optional course of practical exercises in pharmacology will be given to advanced students.

#### Medicine.

PROFESSOR, JAMES STEWART.

Assistant Professors, F. G. Finley. H. A. Lafleur. C. F. Martin.

DEMONSTRATOR, S. RIDLEY MACKENZIE.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the general laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to women and children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Professor of Pathology.

The College possesses an extensive series of plates and models illustrative of the Histological and Anatomical appearances of disease, and the wards of the General and Royal Victoria Hospitals afford the lecturers ample opportunities to refer to living examples of very many of the maladies described, and to demonstrate the results of treatment.

#### Clinical Medicine.

PROFESSOR, JAMES STEWART.

ASSOCIATE PROFESSORS, F. G. FINLEY AND H. A. LAFLEUR.

ASSISTANT PROFESSOR, C. F. MARTIN.

G. GORDON CAMPBELL.

LECTURERS.

W. F. HAMILTON.

The instruction in Clinical Medicine is conducted in the theatres, wards, out-patient rooms and laboratories of the Royal Victoria and Montreal General Hospitals.

The courses include :-

I. The reporting of cases by every member of the Graduating Class, a certain number of cases being assigned to each student.

II. Bedside instruction for members of the Graduating Class.

III. Two Clinics weekly in each hospital.

IV. Tutorial instruction for the Junior Classes, in the wards and out-patient rooms of both hospitals.

V. Instruction in Clinical Chemistry and Bacteriology.

#### Surgery.

PROFESSOR, THOMAS G. RODDICK.

LECTURERS, J. M. ELDER. A. E. GARROW.

This course consists of the Principles and Practice of Surgery and Surgical Pathology, illustrated by a large collection of preparations from the Museum, as well as by specimens obtained from cases under observation at the Hospitals. The greater part of the course, however, is devoted to the Practice of Surgery, in which attention is constantly drawn to cases which have been observed by the class during the session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form special departments of this course.

### Clinical Surgery.

Professor, James Bell.
Associate Professor, George E. Armstrong.

LECTURERS, J. A. HUTCHISON.
J. M. ELDER.
A. E. GARROW.

DEMONSTRATOR, KENNETH CAMERON.

The teaching in Clinical Surgery is conducted at the Montreal General and Royal Victoria Hospitals.

I. In the amphitheatre of each of these Hospitals, demontrations are given and operations are performed before the senior and junior classes on alternate days.

II. Small ward classes of about ten men in each are taken through the wards by the surgeon in attendance, and instruction given at the bedside concerning the nature and management of surgical cases, in each hospital, at least once

per week.

III. Beds are assigned to students in rotation, and each student is required to carefully study and report cases and to assist in the surgical dressing of the same. Certificates of case reporting are given, and are essential to graduation.

IV. In the Out-patient Department students have an exceptionally good opportunity to study a great variety of injuries, to witness operations in minor surgery, to come into personal contact with patients and to take part in the application of a variety of surgical dressings and appliances.

### Obstetrics and Diseases of Infants.

PROFESSOR, J. CHALMERS CAMERON.

LECTURER, D. J. EVANS.

DEMONSTRATOR, JAMES BARCLAY.

ASSISTANT DEMONSTRATOR, H. R. D. GRAY.

This course will embrace: (1) Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, complete sets of models illustrating deformities of the pelvis, wax preparations, bronze mechanical pelvis, etc. (2) Bedside instruction in the Montreal Maternity, including external palpitation, pelvimetry, the management and after-treatment of cases. (3) A complete course on obstetric operations with the phantom and preserved foetuses. (4) The diseases of infancy. (5) A course of individual clinical instruction at the Montreal Maternity.

Arrangements have been made for a graded course in Obstetrics, instruction being given separately to third year

and final students.

Particular attention is given to Clinical instruction, and a Clinical examination in Midwifery similar to that held in Medicine and Surgery now forms part of the final examination.

A short course of lectures on diseases of infancy is given, supplemented by Clinical demonstration and ward work.

### Qynæcology.

PROFESSOR, WM. GARDNER.

LECTURERS, F. A. M. LOCKHART AND W. W. CHIPMAN.

DEMONSTRATOR, J. D. CAMERON.

The didactic course is graded, and consists of from forty to forty-five lectures given at intervals alternating with the lectures on Obstetrics and extending throughout the session. The anatomy and physiology of the organs and parts concerned are first discussed. Then the various methods of examination are fully described, the necessary instruments exhibited, and their uses explained.

The diseases peculiar to women are considered as fully as time permits, somewhat in the following order:—Disorders of Menstruation; Leucorrhoea; Diseases of the External Genital Organs; Inflammations, Lacerations and Displacements of the Uterus; Pelvic Cellulitis and Peritonitis and Inflammations of the Ovaries and Fallopian Tubes; Benign and Malignant growths of the Uterus; Tumours of the Ovary; Diseases of the Bladder and Urethra. The lectures are illustrated as fully as possible by drawings and morbid specimens.

Clinical teaching, including out-patient and bed-side instruction, is given at both Royal Victoria and Montreal General hospitals by Professor Gardner and Doctors Lockhart, Chipman and Cameron. A large amount of Clinical material is thus available for practical instruction in this department of medicine. Numerous operations are done before the class, and made the subject of remarks. In addition to the ward-patients, each hospital conducts a large out-patient Gynae-cological Clinic, to which advanced students are admitted in rotation and instructed in digital and bi-manual examination and in the use of instruments for diagnosis.

Particular attention is thus given to Clinical instruction, and a Clinical examination in Gynaecology similar to that held in Medicine and Surgery now forms part of the final examination.

### Medical Jurisprudence.

PROFESSOR, GEO. WILKINS.

This course is treated of in its Medical as well as Medico-Special attention is devoted to the sub-Legal aspects. ject of blood stains, the chemical, microscopical and spectroscopic tests for which are fully described and shown The various spectra of blood in its to the class. different conditions are shown by the Microspectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-mortem appearance and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the class. A series of demonstrations and Clinics will be given by Prof. Johnston on the Medico-Legal cases arising out of the coroner's court, as well as those in the Montreal General Hospital. In this way Students will have practical clinical instruction in methods of Medico-Legal investigation in civil as well as in criminal

An optional practical course in Legal Medicine, open to students who have fulfilled the necessary requirements in Legal Medicine, will be given by Dr. Johnston. In connection with this is a series of demonstrations and clinics on the medico-legal cases of the Coroner's Court and those arising out of cases in the Montreal General Hospital. A special certificate will be given by the Faculty to those who pass the examination held in connection with this course.

A course open to graduates in Medicine leading to the Diploma of Legal Medicine is given under the Department of Medical Jurisprudence in co-operation with other departments in the Faculty. (See Post-Graduate Instruction, p. 309.)

### Ophthalmology and Otology.

PROFESSOR, F. BULLER.

LECTURERS, J. J. GARDNER.
J. W. STIRLING.
DEMONSTRATOR, W. G. M. BYERS.

This will include a course of twenty-five lectures on diseases of the Eye and Ear, both didactic and clinical. In the former, the general principles of diagnosis and treatment will be dealt with, including three lectures on the errors of refraction and faults of accommodation. At the clinical lectures given in the Hospitals, cases illustrative of the typical forms of ordinary disease of the Eye and Ear will be exhibited and explained to the class. In the out-patients' department of each Hospital students have excellent opportunities of gaining clinical experience.

### Biology.

D. P. PENHALLOW, PROFESSOR OF BOTANY.

E. W. MACBRIDE, PROFESSOR OF ZOOLOGY.

The course in elementary Biology is designed to prepare for special study in medical subjects. Under the supervision of the professors of Botany and Zoology it will be given during the autumn term—Zoology first eight weeks; Botany, last four weeks.

A.—Animal Biology.

The Course in Animal Biology will discuss the fundamental properties of protoplasm; the principles of the formation of tissues; the formation of organs; an outline of vertebrate structure and function, as exemplified by Paramoecium and Vorticella, Hydra, Lumbricus and the Dog-fish.

Two lectures and one laboratory period each week.

An optional course in Embryology, especially designed for medical students, is given by the Professor of Zoology, and is open to the students of the Medical Faculty.

### B.—Plant Biology.

The Course in Plant Biology will deal chiefly with the general properties of cytoplasm; the structure and nature of the plant cell; movement; nutrition; respiration; fixation of carbon; division of labor and origin of organs; evolution of plant forms. These principles will be illustrated in their more simple forms by a Myxomycete, Pleurococcus, Spirogyra and Oedogonium, Fucus, Saccharomyces and Pteris.

Two lectures and one demonstration each week, begin-

ning on Monday, November 24th, 1902.

### Pathology and Bacteriology.

PROFESSOR, J. G. ADAMI. LECTURER, A. G. NICHOLLS.

FELLOWS, G. A. CHARLTON.
P. G. WOOLLEY,

DEMONSTRATORS IN PATHOLOGY, { D. P. ANDERSON. J. McCrae. D. D. MacTaggart. Demonstrator in Bacteriology, H. B. Yates.

DEMONSTRATOR IN NEUROPATHOLOGY, D. A. SHIRRES.
ASSISTANT DEMONSTRATOR IN PATHOLOGY, E. A. ARCHIBALD.
ASSISTANT DEMONSTRATOR IN BACTERIOLOGY, J. A. WILLIAMS.

The teaching, both didactic and practical, in the subjects of Pathology and Bacteriology, are given by the Professor

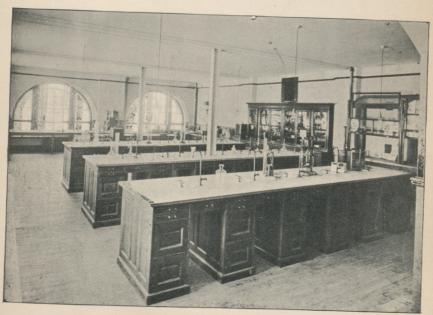
of Pathology and his staff.

For the use of this Department an extensive series of laboratories has been set aside and are now in active use on the top floor of the new wing of the Faculty, and inasmuch as the old Pathological Laboratory was established and equipped by the late J. H. R. Molson, these new laboratories retain the name of the J. H. R. Molson Laboratories.

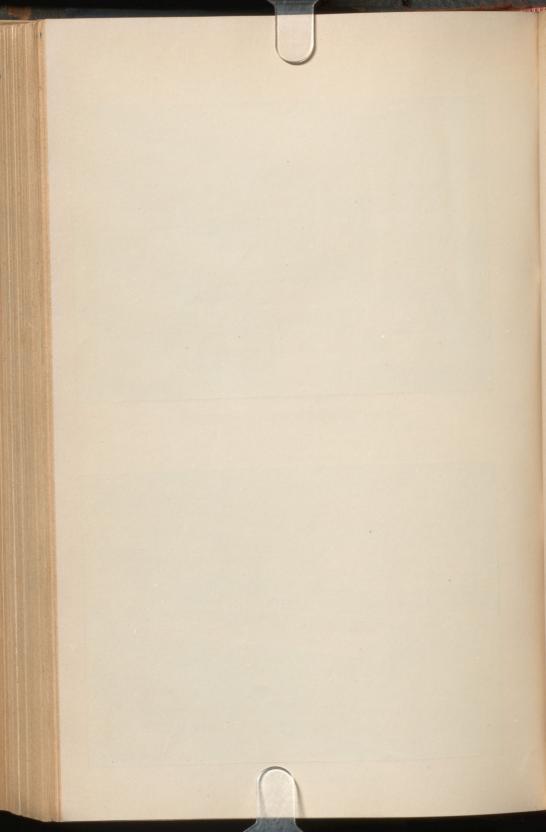
They consist of a large and admirably lighted class room for general classes capable of accommodating with ease 70 students at a time, so arranged that each student in the bacteriological and pathological courses does the microscopical work at one table and immediately behind him is his locker



Laboratory of Pathology and Bacteriology.



In the Laboratory of Hygiene.



and bench for the preparation of material, preparation of culture media, etc. In this room at one end there is also a small demonstration theatre or quarter circle capable of accommodating the whole class at work in the laboratory at one time and used for demonstration purposes, and at the other end a service department from which are given out materials. Further arrangements are installed for lantern demonstrations for the whole class. The large laboratory is so arranged that the students can perform their practical work with the least amount of moving about the room, the students working in pairs and having all the necessary apparatus, reagents, etc., immediately by them.

The following courses constitute the teaching in these

subjects :-

1. A course of General Pathology for students of the Third Year; optional for those of the Fourth Year. Lectures are delivered twice weekly throughout the winter and spring terms.

2. A course of Elementary Bacteriology for students of the First Year. Eight lectures with demonstrations being

given during the spring term.

3. A course of lectures upon Bacteriology in Relation to Disease, for students of the Third Year, given three times weekly during the autumn term.

4. A course of Demonstrations in the Performance of Autopsies to students of the Third Year. The demonstra-

tions held weekly from October until Christmas.

5. Demonstrations upon the Autopsies of the week to students of the two final years. These are given during the Session by Drs. Adami and Nicholls at the Royal Victoria Hospital, and Drs. MacTaggart, Anderson and McCrae at the Montreal General Hospital.

### Practical Courses.

6. The performance of Autopsies. Each student is required to take an active part in at least six autopsies. These are conducted at the General and the Royal Victoria Hospitals and their assistants. In addition to the actual performance of the sectio cadavoris, the students are expected to attend practical instruction given with each autopsy, in the method of preparation and microscopical examination of removed tissues so as to become proficient in the methods of

preparation, staining and mounting.

7. A practical course in the bacteriology of infectious diseases for students of the third year. This course is held twice weekly during the autumn term. The laboratory fee to cover cost of slides, reagents, microscopes, etc., for this and the following course, is \$5.00. A further deposit is required in connection with each practical course to cover cost of breakage and loss, which is returned at the end of the course.

8. A practical course in Morbid Histology to students of the Third Year, this is held twice weekly during the winter term. Students are instructed in the staining and mounting of specimens, and as a rule six sections are distributed at each meeting of the class so that each student obtains a large representative series of morbid tissues, altogether about 120 in number.

9. A course of demonstrations upon Morbid Anatomy, museum specimens, once weekly during the autumn and

winter terms to students of the Fourth Year.

In addition to the above, the staff of the department gives instruction to the more advanced students who desire to take any special work in the laboratories, this more especially during the vacations.

For this purpose a special suite of rooms has been set apart for Post-Graduate and Advanced Instruction. Accommodation has been provided for classes of twelve to fifteen. In connection with these Laboratories for Advanced Work there is a Departmental Reference Library, rooms for Photography, etc.

Optional courses are conducted by the Demonstrators of Pathology and the Demonstrator of Neuro-pathology during the Session. Classes in Clinical Pathology and Microscopy are given at the General and Royal Victoria Hospitals under the direction of the Professors and Lecturers in Clinical Medicine.

In connection with this Department, two Research and Teaching Fellowships have been established, one by the Faculty of Medicine and one by the Governors.

### Hygiene.

STRATHCONA PROFESSOR, WYATT JOHNSTON.

Owing to the endowment of the Department of Hygiene by the Right Honorable Lord Strathcona, a teaching Laboratory has been established in connection with the Chair of Hygiene.

The compulsory course in Hygiene consists of three lessons per week during the winter and spring terms. The course includes the hygiene of air, soil, water, and climate; health resorts, personal hygiene, bathing, exercise, clothing, hygiene of special life periods; food and diet; food supply; food diseases and adulterations; hygiene of dwellings; heating, lighting, and ventilation; sanitary fittings; municipal sanitation; water supply; sewage; drainage; refuse disposal; burial of the dead; hygiene of occupation; offensive trades; hygiene of hospitals, prisons, etc.; preventive medicine; methods of dealing with infectious diseases and epidemics; communicable diseases of animals; organisation of health boards; sanitary law and administration in the relation to the medical practitioner; vital statistics in relation to the healthfulness of communities.

The museum, model room, and laboratory are equipped with working models and apparatus illustrative of application of hygienic principles.

An optional practical course will be open to students wishing to undertake more advanced work.

Special courses of instruction are given to graduates wishing to qualify themselves in sanitary work, or to obtain the

diploma in Public Health. "See Post-Graduate Practical Courses."

The Laboratory has been equipped with the apparatus needed in giving practical instruction in Hygiene either as demonstrations to large classes of students, or as practical work for smaller groups.

The arrangement is as follows:-

The Hygiene Department occupies the entire north end of the building on the mezzanine floor, having the floor space corresponding with that of the Department of Histology. The main laboratory is 60 x 50 feet, and it is well equipped with apparatus for demonstrations and practical work in Hygiene. Adjoining it is a Balance Room and private laboratory, 13 x 15 feet. Opening off the main laboratory is the model room, about 45 x 30 feet, part of which can also be used as additional laboratory space for the carrying out of special experiments and researches, which it would be inconvenient to carry on in the main laboratory. The corridor, 40 x 15 feet, leading to the main laboratory, has been fitted up with cases for the smaller museum specimens and models, lantern slides, etc.

## Laryngology and Rhinology.

PROFESSOR, H. S. BIRKETT. DEMONSTRATOR, H. D. HAMILTON.

This course will consist of practical lessons in the use of the Laryngoscope and Rhinoscope. The instruction will be carried on with small classes, so that individual attention may be insured. A limited number of clinical lectures bearing upon interesting cases attending the clinic will be delivered during the session. These lectures will be, however, of an eminently practical nature.

#### Mental Diseases.

PROFESSOR, T. J. W. BURGESS.

This course will comprise a series of lectures at the University on Insanity in its various forms, from a medical as well as from a medico-legal standpoint. The various types

of mental diseases will be illustrated by cases in the Verdun Asylum, where clinical instruction will be given to groups of senior students at intervals throughout the session.

## Diseases of Infants and Children.

PROFESSORS,

A. D. BLACKADER.
J. C. CAMERON.

Although this subject does not constitute a special chair in the University, systematic instruction is given (a) in connection with the chair of Obstetrics and Diseases of Infants, by Prof. Cameron; (b) by a course of lectures, clinical and didactic by Prof. Blackader, and (c) through the Children's Clinic at the Montreal General Hospital and at the Infants' Home.

## Clinical Microscopy.

This course, which is given during the Spring Term of the Third Year, is essentially a practical one and is in charge of Professor C. F. Martin, assisted by Drs. W. F. Hamilton, G. G. Campbell, Ridley McKenzie, C. F. Wylde and F. B. Jones. It is a laboratory course forming part of the Third Year instruction in medicine and is held in the Pathological Laboratory of the Medical Building. The classes are held twice weekly, each demonstration lasting two hours.

Students are given instruction in the microscopic appearances of normal and abnormal sediments in the urine, methods of examination of the blood in the fresh and dried state of preparation; minute appearances of the sputum, stomach contents and fæces, as well as of the various animal parasites of the alimentary tract.

In addition to this the student is given an opportunity of examining the various bacteria of importance in clinical medicine and surgery.

Various specimens of special interest which are found in the hospitals from time to time, are examined as occasion arises at the demonstrations.

### DOUBLE COURSES.

By special arrangements with the Faculty of Arts, it is now possible for students to obtain the double degree of B.A., and M.D., C.M., and also B.Sc. and M.D., after only six years of study.

## Course Leading to B.A. and M.D.

It has been decided to allow the Primary subjects (Anatomy, Physiology and Chemistry) in medicine to count as Honor subjects of the third and fourth years in Arts. It follows then that at the end of four years' study a student may obtain his B.A. degree and have two years of his medical course completed.

The remaining two years of study are devoted to the third and fourth year subjects in Medicine.

The special provisions for Medical Students in the Arts course are as follows:—

During the first two years in the Faculty of Arts students taking the double course will complete their studies in Biology, Physics and Elementary Chemistry.

## I .- In the Third Year: -\*

- (a) Anatomy and Practical Anatomy, Histology and Physiology, of First Year Medicine.
- (b) Either one or two of the courses which are not placed under the heading "Science" in the Arts curriculum.
- (c) Either one or two hours weekly in English Composition.

<sup>\*</sup>Note.—Students are recommended (1) to distribute their English composition over two years. (2) To take both compulsory courses during the Third year, i.e., with the first year in medicine as the student is free during that year from Chemistry and Biology of the Medical course, whereas during his Fourth year he is required to take the full Second year course in medicine.

## II. In the Fourth Year :-

(a) Anatomy and Practical Anatomy, Histology, Physiology, Chemistry, of Second Year Medicine.

(b) One of the courses which are not placed under the heading "Science" if only one has been taken in the Third Year.

(c) One hour weekly in English Composition, if only one has been taken in the Third Year.

## B. Sc. (Arts) and M.D.

The Faculties of Arts and Medicine have this session organized a course of six years' study leading to the double degrees of Bachelor of Science (Arts) and Doctor of Medicine.

The requirements of this course are as follows :-

Matriculation.—The student who proceeds to the Double Course must pass a matriculation examination consisting of English, History, Mathematics (Part 1), French, German and Latin.

First Year.—During the first year the course will include English, French, German, Mathematics and Physics, of the first year of the B.A. Course.

Second Year.—During this year English of the second year B.A. Course, French, German, Chemistry and Elementary Biology. The chemistry consists of three lectures per week and two laboratory periods of three hours. The Biology will consist up to Christmas of the Zoology of the second year in the Faculty of Arts, which is the same as that required of first year students in Medicine with the morphology of the frog in addition. After Christmas (spring term Arts), the student may proceed either to a continued course in Animal Biology comprising the osteology of the rabbit and the histology of its tissues, or he may proceed with the Botany of the second year in the Faculty of Arts. This course in Botany is introductory to the more specialised work of the third year, and will be represented by a number of types, including the flowering plants and the

determination of species. Two lectures and two laboratory

periods each week during spring term.

In the event of a student selecting Animal Biology after Christmas, he must have taken before Christmas the course in Biology as laid down for medical students, i.e., both Zooloogy and Botany. If the student select Botany after Christmas, he must have taken the Zoology of the second year in the B.Sc. Course, i.e., the anatomy of the frog, in addition

to that required of medical students.

Third Year.—The student will enter in the third year of his course upon the study of medical subjects proper, having a good theoretical and practical knowledge of Inorganic Chemistry, and will have had a more thorough training in Biology than at present can be given the regular students in medicine. The time, therefore, during this year, which in the regular medical curriculum is devoted to Chemistry, Practical Chemistry and Biology, will be available for Science subjects of the B.Sc. Course; and a student will have the option of four different branches of science, which shall in each case consist of a full regular course, together with one-half an honor course, the Honor Course to be given between September and Christmas.

(I) Zoology, which shall consist of two lectures during the week, and two laboratory periods of about two hours. This course takes up the study of parasitic forms, of comparative osteology and embryology. In addition to this is a half Honor Course, which will consist of a critical study of some such work as Verworn's General Physiology, or

Spencer's General Biology.

(II) Physics, which shall consist of two lectures and one period of three hours laboratory work per week. The student may proceed either with Heat and Light, as in the third year Physics Course in Arts, or with Electricity and Magnetism constituting the fourth year Physics in Arts; or he may take a portion of each of these courses, and in addition would do advanced work constituting a half honor course from September to Christmas.

(III) CHEMISTRY, consisting of two lectures per week and two laboratory periods. The time before Christmas to be devoted to Physical Chemistry, and during the second term Organic Chemistry, including organic preparations with advanced work constituting a half honor course from

September to Christmas.

(IV) Botany.—This course is designed to give a comprehensive knowledge of plant structure and relationships. The principles of development will be illustrated by type studies, which may also serve as the basis for more special work in Bacteriology, Physiology, Ecology or Paleobotany. It comprises:—(a) Microscopy, including determination of amplifications, micrometry, drawings, section cutting and preparation of microscopic objects. This work presupposes familiarity with the optics of the microscope as given in Physics "3" of the second year Arts. And (b) Critical studies of the Thallophyta, Bryophyta and Pteridophyta, as illustrated by selected types. Two lectures and two laboratory periods each week throughout the session.

Students will also be required to take one-half of the honor work of the fourth year Arts, in experimental plant

physiology as based upon the following works :-

Pfeffer, Plant Physiology; MacDougall, Experimental Plant Physiology; Darwin and Acton, Practical Physiology of Plants. One lecture and four laboratory hours per week during autumn term.

It will be permitted also if a student so desires it, to substitute a half honor course in Chemistry, Physics or Zoology

for the half honor course in Botany.

In the fourth year of this six years' course, Wednesday afternoon and Saturday morning of each week will be available for laboratory work in connection with still more specialized study in the subject which has been selected during the third year; or a student may proceed with a branch of science other than the one selected for his third year work, provided he is sufficiently well grounded to enable him to do the special work which may be assigned to him.

Thus the first two years of the six years' course are devoted entirely to the Faculty of Arts, the student taking the option of Biology instead of Mathematics for the second year.

The third and fourth years will consist of work partially given in the Faculty of Arts and partially in the Faculty of Medicine. In the third year the studies in the two Faculties will be nearly equal; in the fourth year they will be almost entirely in the Medical Faculty.

The fifth and sixth years will be occupied by the regular curriculum of the third and fourth years in medicine.

To secure privileges connected with either of the double courses described above, certificates of registration in the Medical Faculty must be presented at the beginning of each year to the Dean of the Faculty of Arts; and at the end of each session in the first two years certificates of attendance on lectures and of passing the corresponding examinations must also be presented. At the end of the Third and Fourth Years certificates must be presented to show that the full curriculum of the Medical Faculty for the year has been completed.

A certificate of Licentiate in Arts will be given along with the professional degree in Medicine to those who, previous to entrance upon their professional studies proper, have completed two years in the Faculty of Arts, and have duly passed

the prescribed examinations therein.

The Faculty of Medicine strongly recommends students to take an Arts course before beginning Medicine whenever possible, devoting special attention to Chemistry, Biology, Physics, and German. Should a student have but one year at his disposal he is advised to take Chemistry, Biology and Physics of the Faculty of Arts as a preliminary training for Medicine.

## VI.

## GRADUATE AND ADVANCED COURSES.

The Faculty of Medicine in 1896 established post-graduate and special courses in connection with the Montreal General and Royal Victoria Hospitals and the various laboratories in



the University buildings. These courses will be continued in 1902-1903.

There will be two distinct sets of courses, one a short practical and clinical course for medical men in general practice who desire to keep in touch with recent advances in Medicine, Surgery and Pathology, and who wish special clinical experience in Gynaecology, Ophthalmology, Laryngology, etc. This course will last about six weeks, beginning about the first of May.

A special detailed programme will be prepared, and will be sent on application in February next. The fee, including hospital fees for both hospitals, is fifty dollars.

The other courses will be for those who have just completed their regular course in Medicine, and desire special Laboratory or Clinical teaching before beginning practice.

Arrangements have also been made to accommodate a limited number of such graduates who desire advanced and research work.

Commodious laboratories for advanced work have been equipped in connection with the Pathological and Clinical departments of both the Royal Victoria and Montreal General Hospitals, and in connection with the general laboratories for Pathology, Pharmacology, Physiology and Chemistry, recently altered and extended in the new buildings of the Faculty.

Recent graduates of recognized universities desiring to qualify for examinations by advanced laboratory courses, or who wish to engage in special research, may enter at any time by giving notice, stating the courses desired and the time at their disposal.

All the regular clinics and demonstrations of both hospitals will be open to such students on the same conditions as undergraduates in medicine of this University.

These laboratories have been open for graduates since May 1st, 1896.

Further details regarding courses, fees, etc., may be obtained on application to the Registrar.

### The Graduate Course of 1902.

The seventh regular course of instruction for General Practitioners will be conducted as before by the Faculty of Medicine of McGill University. The course for 1902 begins Monday, April 28th, and will be continued for six weeks, closing June 7th.

Time Tables are issued for each week, giving the place and hour for the clinic, demonstration or laboratory work.

Physicians desiring opportunities to familiarize themselves thoroughly with the technique of one or two subjects, instead of attending all the clinics, etc., will be assigned to special clinics or laboratories where additional instruction will be afforded them.

The work of the Regular Course is essentially practical, and may be classified into :—

(a) Laboratory Courses.

(b) Laboratory and other special demonstrations.

(c) Theatre and Ward Clinics, Medical and Surgical.

(d) Clinics in special departments of Medicine and Surgery.

(A.)—Laboratory Courses.—Systematic laboratory instruction is given from 9 to 10.35 every morning on Microscopical Methods, Clinical Microscopy, Clinical Chemistry and Clinical Bacteriology, including diagnosis of Diphtheria, Tuberculosis, etc., the histology of blood in disease and serum diagnosis. These courses are conducted by Profs. Ruttan, Adami and Martin, assisted by Drs. N. D. Gunn, Nichols, Anderson, Yates, Williams, Fraser and Fisk. A course of Operative Surgery on the cadaver is given by Prof. Armstrong from 8 to 9 a.m., during the second, third and fourth weeks of the course.

B.—Laboratory and Special Demonstrations.—These demonstrations are given daily from 10.30 to mid-day, and will consist of one or more of the following:—Modern treatment of Tuberculosis, Prof. Finley; Operative Midwifery,

Prof. J. C. Cameron; Mental Diseases, Dr. Burgess; Medico-Legal and Sanitary Topics, Prof. Wyatt Johnston; Clinical use of Roentgen Rays, Prof. Girdwood; Demonstration of the actions of certain important and new drugs, Dr. J. T. Halsey; Medical and Surgical Anatomy, Drs. Springle, Henderson and Tait McKenzie; Clinical Chemistry and Urinalysis, Prof. Ruttan; Morbid Anatomy of certain diseases, Prof. Adami and Dr. MacTaggart; Treatment of Diarrheal diseases of Infancy, Prof. Blackader; Treatment of deformities, Dr. Tait McKenzie; Medical Examination for Life Insurance, Prof. Wilkins.

(C).—Medical and Surgical Clinics.—For four days each week during the first two hours of the afternoon, there are clinics on groups of cases in the wards of the Montreal General and Royal Victoria Hospitals. Those given in the Medical Wards of the Montreal General Hospitals are given by Profs. Blackader, Finley and Lafleur; in the Surgical Wards by Prof. Shepherd and Dr. Elder; in the Royal Victoria Hospital Medical Wards, by Prof. Stewart, Prof. C. F. Martin and Dr. Hamilton; in the Surgical Wards by Prof. Bell and Dr. Garrow. In addition two or three ward classes are given weekly.

One or more of these clinics are given in the Hospitals each afternoon after the regular Medical and Surgical Clinic, and during the entire afternoon on Wednesday and Saturday of each week, the following special Clinics are given: Opthalmology, including demonstrations of the use of Opthalmoscope in the Royal Victoria Hospital by Prof. Buller and Dr. Byers; in the Montreal General Hospital by Dr. J. J. Gardner and Dr. Sterling; Dermatology, Prof. Shepherd; Genito-Urinary Surgery, Prof. Bell; Orthopedics, Dr. C. W. Wilson; Laryngology, Prof. Birkett and Dr. H. D. Hamilton. Special Demonstration on Diseases of the accessory nasal cavities by Dr. Hamilton; Gynæcology, Prof. Wm. Gardner and Dr. Chipman in the Royal Victoria Hospital,

and Dr. Lockhart and Dr. J. D. Cameron in the Montreal General Hospital; Diseases of Children, Prof. Blackader and Dr. Evans. The use of the Cystoscope and Urethroscope, Dr. Springle.

The above courses of instruction are given wholly apart from the regular lectures, clinics, etc., for undergraduates in medicine. Physicians may enter on the course at any

time after April 28th.

The fee for the course including Hospital fees is \$50.00.

Special fees arranged for single courses.

Practitioners who purpose attending this course may obtain time tables, etc., of courses, on application to the Registrar.

# Diploma Course in Public Health.

The Faculty of Medicine in the session 1899-1900 instituted a graduate course in Public Health and Sanitary Science. This course will be given each year and the diplomas conferred at the annual convocation.

Candidates undertaking this Course must have possessed a degree in Medicine or other qualification of practice for at least twelve months before the candidate is competent to receive the diploma. The following are the courses requisite:—

1. Course of lectures in Public Health (to be omitted in the case of candidates who have attended such a course before

graduation).

2. A three months' course of instruction upon infective and parasitic diseases of man and the domestic animals, which course shall include practical work in a bacteriological laboratory.

3. A six months' course of practical study of outdoor sanitary work under a medical officer of health (to be omitted in the case of medical health officers holding appointments prior to the establishment of this diploma course).

4. Three months' attendance and clinical instruction at a hospital for infectious diseases (unless such course has al-

ready been taken prior to graduation).



5. Three months' instruction in sanitary chemistry and physics with practical work in a chemical laboratory.

Examination for Diploma shall cover the following sub-

jects :-

1. Examination of clinical cases at an infectious hospital.

- 2. The drawing up of outlines for annual and other reports of officers of health.
- 3. Report upon the sanitary condition of some actual locality.
- 4. The chemical analysis of liquids and gases and of specimens of food.
- 5. Demonstration of the consideration and use of meteorological hygienic and sanitary apparatus.

6. Microscopical examination of specimens submitted.

- 7. Description of specimens of human and other diseased tissues.
- 8. Practical examination in the employment of the usual bacteriological methods.
- 9. The inspection of carcases of animals to be used for food.

The above examination shall be written and oral and practical, and shall extend over a period of four days.

The following is a list of subjects included in the curricu-

lum of study :-

- (a) Sanitary Chemistry, examination of air, gases, water, the action of water on metals, milk and food; detection of poisons in articles of dress and of decoration; the chemistry of sewage.
- (b) Sanitary Physics: Hydrodynamics, pneumatics and hydraulics applied to hygiene, light and photometry; heat and thermometry; the principles of hygrometry.

(c) Sanitary Legislation: Statutes and by-laws relating to public health; the powers of public sanitary authorities.

(d) Bacteriology and Parasitology: Modes of propagation of disease and transmission of disease between man and man, and man and animals; bacteriological analysis in relation to public health matters; natural history of microbes and animal parasites.

- (e) Vital Statistics: Calculation and tabulation of returns of births, marriages, and deaths and diseases.
- (f) Nosology: Definition in nomenclature and classification of disease.
- (g) Meteorology and Climatology: The geographical and topographical distribution of disease.
  - (h) Preventive Medicine and Practical Sanitation.

The fee for the Diploma shall be \$20.

## Diploma of Legal Medicine.

The Faculty of Medicine decided in 1900 to grant a Diploma in Legal Medicine, and to give Post-Graduate instruction leading to this diploma. The course will be continued during the session of 1902-1903.

Candidates for the diploma must possess a degree in Medicine or other qualification for practice, and present certificates of having attended the following courses:—

- 1. A course of six months' scientific study in Legal Medicine, consisting of systematic lectures and practical medicolegal and toxicological instruction in laboratories and elsewhere.
- 2. A course of six months' training as assistant in medicolegal practice. The candidate shall produce a certificate, or certificates satisfactory to the Faculty, that he has continuously and actively assisted in the regular duties of some medico-legal expert, recognized by the Faculty. Of the two six months' courses referred to in this and the preeding paragraph, not less than three months shall be concurrent.
- 3. A special course or courses, of lectures in Legal Medicine and mental diseases.
  - 4. A practical (laboratory) course in Toxicology.
- 5. A course of instruction in the law relating to medicine, and to the status, rights, and responsibilities of the physician.
- 6. A series of short courses with demonstrations upon the following subjects: (a) Methods of conducting medico-legal autopsies. (b) The methods of medico-legal microscopy;

procedure in the examination of blood-stains, etc. Methods in skingraphy. (d) Methods of procedure in cases of wounds and injuries. (e) Method of procedure in cases of assaults upon women and children. (f) Methods of procedure in cases of abortion and infanticide. (g) Methods of procedure in cases of the determination of sex and paternity.

(h) Methods of procedure in cases of offence against morals.

(i) Methods of procedure in the study of mental conditions. (j) Methods of procedure in examination for life and accident assurance. (k) Estimation of compensation for injury.

No candidate shall be admitted to any portion of the examination for this diploma until at least one full academic year has elapsed since his graduation in medicine.

The examination shall be both written and practical, and shall extend over a period of not less than three days. It shall be conducted by examiners appointed by the Faculty.

The requirements for the Diploma shall be attendance upon lectures and laboratory work as above outlined, but the Faculty does not accept the responsibility of giving the above course or any part of it other than as may be announced from year to year in the Medical Calendar.

The fee for the diploma and course is \$20.

# Qualifications for the Degree,\*

1st. No one entering after September, 1894, will be admitted to the Degree of Doctor of Medicine and Master of Surgery who shall not have attended Lectures for a period of four nine months' sessions in this University, or some other University, College or School of Medicine, approved of by this University.

2nd. Students of other Universities so approved and admitted on production of certificate to a like standing in this University shall be required to pass all Examinations in

<sup>\*</sup> It shall be understood that the programme and regulations regarding courses of study and examinations contained in this calendar hold good for this calendar year only, and that the Faculty of Medicine. while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole four years of a student's course, to the conditions here laid down. THE PARTY OF THE P

Primary and Final Subjects in the same manner as Students of this University.

3rd. Graduates in Arts who have taken two full courses in General Chemistry, including Laboratory work, two courses in Biology, including the subjects of Botany, Embryology, Elementary Physiology and dissection of one or more types of Vetebrata, may, at the discretion of the Faculty, be admitted as second-year Students, such courses being accepted as equivalent to the first year in Medicine. Students so entering will, however, not be allowed to present themselves for examination in Anatomy until they produce certificates of dissection for two sessions.

4th. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education. ‡ viz.:

Anatomy. Practical Anatomy, Physiology. Chemistry, Pharmacology and Therapeutics. Principles and Practice of Surgery, Obstetrics and Diseases of Infants. Gynæcology. Theory and Practice of Medicine, Clinical Medicine. Clinical Surgery, Medical Jurisprudence. Genesal Pathology. Hygiene and Public Health, Paactical Chemistry. Ophthalmology and Otology, Biology. Histology. Pathological Anatomy. Bacteriology. Mental Diseases. Pediatrics. Medical and Surgical Anatomy,

Of which Two full Courses will be required,

Of which One full Course will be required.

Of which One Course will be required.

<sup>†</sup> Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted.

<sup>†</sup> Students enregistered in the Province of Quebec are required to attend and pass examinations in Laryngology and Minor Surgery.

He must also produce Certificates of having assisted at six Autopsies, of having dispensed Medicine for a period of three months, and of having assisted at twenty Vaccinations.

5th. Courses of less length than the above will only be received for the time over which they have extended.

6th. No one will be permitted to become a Candidate for the degree who shall not have attended at least one full Session at this University.

7th. The Candidates must give proof of having attended during at least twenty-four months the practice of the Montreal General Hospital or the Royal Victoria Hospital or of some other Hospital of not fewer than 100 beds, approved of by this University. Undergraduates are required to attend only the practice of the Out-Patient departments of the Hospitals during their second year.

8th. He must give proof of having acted as Clinical Clerk for six months in Medicine and six months in Surgery in the wards of a general hospital recognized by the Faculty, of having reported at least 10 medical and 10 surgical cases.

9th. He must also give proof by ticket of having attended for at least nine months the practice of the Montreal Maternity or other lying-in-hospital approved of by the University, and of having acted as assistant at least six cases.

10th. Every candidate for the degree must, on or before the 15th day of May, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty an affirmation or affidavit that he has attained the age of twenty-one years.

11. The trials to be undergone by the Candidate shall be in the subjects mentioned in Section 4.

12. The following oath of affirmation will be exacted from the Candidate before receiving his degree:

#### Sponsio Academica.

In Facultate Medicinæ Universitatis.

Ego, A—— B——, Doctoratus in Arte Medica titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo:—me in omnibus grati animi officiis erga hanc Universitatem ad extremum vitæ halitum perserveraturum; tum poro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem corducentia cum fide procuraturum; quæ denique inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita praesens mihi spondenti adsit Numen.

13th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate to the University Bursar immediately after examination.

#### VII.

#### Examinations.

Frequent oral examinations are held to test the progress of the Student, and occasional written examinations are given throughout the Session.

The Pass and Honor examinations at the close of each Session are arranged as follows:—

#### FIRST YEAR.

Examinations in Biology, Histology, Physiology, Anatomy, Chemistry, Practical Chemistry and Elementary Bacteriology.

Students who have taken one or more university courses in Biology or Chemistry before entering may be exempted from attendance and examination. Students exempted in these first year subjects are allowed only a pass standing, but may present themselves for examination if they desire to attain an honor standing. Students exempted from First Year Chemistry must take Second Year Chemistry in their first year.

SECOND YEAR.

Examinations in Anatomy, Chemistry, Practical Chemistry, Physiology, Practical Physiology, Pharmacology and Histology.

#### THIRD YEAR.

Examinations in Pharmacology and Therapeutics, Medical Jurisprudence, Public Health and Preventive Medicine (in cluding Bacteriology), General Pathology, Mental Diseases, Clinical Chemistry, Clinical Microscopy, Obstetrics, Medicine and Surgery.

#### FOURTH YEAR.

Examinations in Medicine, Surgery, Obstetrics, Gynæcology, Ophthalmology, Clinical Medicine, Clinical Surgery, Clinical Obstetrics, Clinical Gynæcology, Clinical Ophthalmology and Practical Pathology.

By means of the above arrangement a certain definite amount of work must be accomplished by the student in each year, and an equitable division is made between the Primary and Final branches.

A minimum of 50 per cent. in each subject is required to pass and 75 per cent. for honors.

Candidates must pass in all the subjects of each year; those who fail to pass in not more than two subjects of either the first second or third years may be granted a supplemental examination at the beginning of the following session.

Supplemental examinations will not be granted, except by special permission of the Medical Faculty, and on written application stating reasons, and accompanied by a fee of \$5.00 for each subject.

No candidate will be permitted, without special permission of the Faculty, to proceed with the work of the final year until he has passed all the subjects comprised in the Primary examination.

No student will be allowed to present himself for his final examinations who has not certificates of having passed all his Primary examinations in this University.

Candidates who fail to pass in a subject of which practical courses are required may, at the discretion of the Faculty, be required to repeat the course, and furnish a certificate of attendance thereon. A course in Practical Anatomy will be accepted as equivalent to a third course of lectures in General and Descriptive Anatomy.

#### VIII.

## Fellowships, Medals and Prizes

The Faculty has begun to establish Teaching and Research Fellowships in connection with the various laboratories.

These fellowships are of a value of five hundred dollars per annum, are open only to graduates in Medicine, and are tenable for three years.

Two are now established in connection with the department of Pathology—a Governor's Fellowship endowed by one or two of the Governors of the University, and a Faculty Fellowship established by the Faculty. Other Fellowships will be announced as they are established.

1st. The "Holmes Gold Medal," founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., late Dean of the Faculty of Medicine. It is awarded to the student of the graduating class who receives the highest aggregate number of marks in the different branches comprised in the Medical Curriculum.

The Student who gains the Holmes' Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

2nd. The Final Prize.—A Prize in Books (or a Microscope of equivalent value) awarded for the best examination, written and oral, in the Final branches. The Holmes' medalist is not permitted for this prize.

3rd. The Third Year Prize.—A Prize in Books awarded for the best examination, written and oral, in the branches of the third year.

4th. The Second Year Prize.—A Prize in Books for the best examination in all the branches of the second year in course.

5th. The First Year Prize.—A Prize in Books for the best examination in all the branches of the first year in course.

6th. "The Sutherland Gold Medal," founded in 1878 by the late Mrs. Sutherland in memory of her late husband, William Sutherland, M.D., formerly Professor of Chemistry in this Faculty. It is awarded for the best examination in General and Medical Chemistry, together with creditable examination in the primary branches. The examination is held at the end of the third year.

7th. The "Clemesha Prize in Clinical Theraupeutics," founded in 1889 by John W. Clemesha, M.D. of Port Hope, Ont. It is awarded to the student making the highest marks in a special clinical examination.

#### IX.

#### Fees.

The total Faculty Fees for the whole medical course of four full sessions, including clinics, laboratory work, dissecting material and reagents, will be *five hundred dollars*, payable in four annual instalments of \$125 each.

For the convenience of the undergraduates, the Hospital fees are payable in the Registrar's office; ten dollars to be paid at the beginning of each of the last three sessions, viz., the second, third and fourth years. This will entitle each undergraduate to perpetual tickets for both the Montreal General and Royal Victoria Hospitals.

Partial students will be admitted to one or more courses on payment of special fees. An annual University fee of three dollars is charged students of all the faculties for the maintenance of college grounds and athletics.

Students repeating the course of study of any Academia session are not required to pay full fees. A fee of thirty five dollars will be charged, which will include Hospitals, dissecting material, chemical reagents, laboratory fees, etc. The same fee is charged students entering from other colleges who have already paid elsewhere fees for the courses taken.

An ad eundem gradum fee of \$10 will be charged students entering from another university in the second, third or fourth year of the course.

All fees are payable in advance to the Registra, and except by permission of the Faculty will not be received later than October 20th.

It is strongly recommended to parents or guardians of students that the fees be transmitted direct by cheque or P.O. Order to the Registrar, who will furnish official receipts.

For Graduation Fees, see page 92. For Hospital Fees, see page 116.

#### X.

#### Text Books.

ANATOMY.—Gray, Morris, Quain (Eng. Ed.), Gervish.

PRACTICAL ANATOMY.—Cunningham's Practical Anatomy. Ellis'

Demonstrations, Holden's Dissector and Landmarks.

PHYSICS.-Balfour Stewart.

INORGANIC CHEMISTRY.—Remsen, Wurtz's Elementary Chemistry.

ORGANIC CHEMISTRY.—Remsen.

PRACTICAL CHEMISTRY.—Odling, Sollman.

PHARMACOLOGY AND THERAPEUTICS.—Butler, White, Hare and Wood.

PHYSIOLOGY.—Foster and Shore's Physiology for Beginners, Mills'

Text-Book of Animal Physiology, Foster's Physiology, G. N.

Stewart's Physiology, Mills' Class Laboratory Exercises.

PATHOLOGY.—Zeigler, Coats'.

PRACTICAL PATHOLOGY.—Mallory and Wright, Delafield & Prudden, Boyce.

BACTERIOLOGY .- Muir & Ritchie, Abbott.

Histology.—Klein's Elements, Schafer's Essentials of Histology, Stohr.

SURGERY.—Holmes, Moullin, Walsham, Erichsen, Treves, American Text-Book of Surgery, Da Costa.

PRACTICE OF MEDICINE. - Osler, Tyson, Wood and Fitz.

CLINICAL MEDICINE.—Musser's Medical Diagnosis; Simon, Klemperer, Rainy and Hutchison, Vierort's Medical Diagnosis.

MEDICAL JURISPRUDENCE.—Reese, Guy and Ferrier, Mann.

MENTAL DISEASES.—Insanity and its Treatment, Blandford, 4th Ed. NERVOUS AND MENTAL DISEASES.—Church and Paterson, 2nd ed.

OBSTETRICS.—Jewett, Hirst, American Text-Book and Evans' Pocket Text-Book.

DISEASES OF CHILDREN.-Holt, Rotch, Smith and Starr.

GYNÆCOLOGY.—Hart and Barbour, Garrigues, Webster, Dudley on Diseases of Women.

HYGIENE.—Davies, Wilson, Rohe, Whitelegge, Harrington, Abbott's Transmissible Diseases.

BIOLOGY, BOTANY.—Gray's Text-Book of Histology and Physiology; ZOOLOGY, Shipley and Macbrides' Introduction to Zoology.\*

OPTHALMOLOGY.—De Schweinitz, Nettleship and Swanzy.

OTOLOGY.-Pritchard, Dalby.

Laryngology.—Watson Williams, Grumwald's Atlas of Diseases of Larynx.

of Diseases of Larynx.

OPERATIVE SURGERY.—Jacobson, Treves, Kocher.

DERMATOLOGY.—Malcolm Morris, Hyde, Crocker, Unna.

MEDICAL DICTIONARY.—Gould, Dunglison, Hoblyn.

#### XI.

#### Museums.

The Faculty has during recent years devoted special attention to the development of its museums in the several departments in which objective teaching is of especial value in the education of the student.

There are now four museums in the Medical Building: (1) the Museum of Pathology, (2) the Anatomical Museum, (3) the Museum of Public Health and Preventive Medicine, (4) the Museum of Pharmacy.

Each collection is arranged and selected with the primary object of making it a teaching museum. The several collections are open to students and the public between 9 a.m. and 5 p.m.

#### Pathological Museum.

PROF. J. G. ADAMI, DIRECTOR.

MAUD E. ABBOTT, B.A., M.D., ASSISTANT CURATOR.

M. JULES BAILLY, OSTEOLOGIST AND ARTICULATOR.

For the past fifty years the rich Pathological Material furnished by the Montreal General Hospital has been collected here. The Faculty is also greatly indebted to many medical

<sup>\*</sup> Each student will be required to pay \$2.50 in order to cover the cost of a class book dissecting instruments and other necessaries which are supplied to him and become his property.

men throughout Canada and different parts of the world for important contributions to the Museum.

During the past few years, numerous and extremely important additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesentric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" is also found. The Faculty are indebted to Prof. Osler, late of this University, for this collection.

The Museum contains also a very large collection of different forms of calculi. The Faculty are mainly indebted to Prof. Fenwick for this collection.

During the past eight years, M. Bailly, osteologist and articulator (lately with Tramond of Paris), has been engaged in arranging and mounting the very large number of specimens of disease and injuries of bones which have been accumulating for years. In this collection are to be found examples of fractures and dislocations of the spine, osteoporosis, congenital dislocation of the hip, fracture of the astragalus, multiple exostoses, etc., etc.

The Pathological Museum has recently undergone complete alteration. All the old fixtures have been removed, a new gallery has been erected about both rooms reached by a single staircase in a small intermediate room in which is

placed the medico-legal collection.

The first room on entering contains the extensive bone collection and calculi. The second and larger room is reserved for the moist preparations, which are arranged so as to be of easy access for the student. Water color drawings made from the fresh specimens are mounted on swinging frames, and also form a frieze at the ceiling. These serve to

recall the fugitive colors of those preparations which become more or less altered on keeping.

Numerous specimens have been contributed from the surgical and medical wings of the Royal Victoria Hospital, and from the different departments of the Montreal General Hospital.

The Director of the Pathological Museum acknowledges with thanks the following donations, received during the year ending April 1st. 1902:—

#### INSTRUMENTS.

From Dr. D. C. MacCallum, the following valuable collection of obstetrical, gynecological and surgical instruments :- Tarnier's Axis Traction Forceps (first used in Canada); Levret's Long Forceps (two pairs); Hodge's Long Forceps; Long French Forceps, modification of Charrière's; Haighton's Long Forceps; Brüninghausen's Long Forceps; Radford's Straight Long Forceps with three blades; Radford's Long Forceps (1825); Beatty's Long Forceps; Beatty's Short Forceps; Ziegler's Forceps; Davis' Short Forceps; Modification of Davis' Short Forceps: Denman's Short Forceps (1786); Collins' Forceps; Forceps without handles, modification of Assalim's; Barnes' Craniotomy Forceps; Simpson's Cephalotribe; Radford's Blunt Hook; Ramsbotham's Decapitating Hook; Vectis; Whalebone Fillet; Lumley Earle's Internal Pelvimeter; Double Bivalve Speculum; Metrotome; Chassaignac's Ecraseur (first used in Canada); Uterine Applicator; Emmet's Uterine Tourniquet; Grailey Hewitt's Transfusion Apparatus; Wützer's Instrument for the radical cure of hernia; Simpson's modification of Naegele's Perforator; Scissors for dividing Cervix Uteri; Toberton's Funis Replacer; Trocar and Canula for puncturing membranes; Crochet.

From Dr. J. C. Cameron, obstetrical instruments:—Poulin's Axis Traction Forceps; Simpson's Forceps, vulcanized for use in hot climates; Barnes' Forceps; three pairs of

short forceps; three pairs of old-fashioned craniotomy forceps; six pairs of different forms of perforators; Crochet and Extractor; two blunt hooks; three old levers; Bran's Decapitating Hook.

From Dr. Wylding (through Dr. Lockhart): - Aspiration

and Transfusion Set.

#### PHOTOGRAPHS.

From Dr. James Stewart:—A case of Osteitis Deformans. From Dr. Lockhart:—Retroperitoneal Fibroma.

# PATHOLOGICAL SPECIMENS, presented by:

Dr. Armstrong:—Tuberculosis of vesiculæ seminales, and vas deferens; Traumatic osteo-myelitis and cellulitis of foot.

Dr. Buller:—Nasal spur removed by operation.

Dr. J. C. Cameron:—Battledore placenta with velamentous insertion of cord; Placenta marginata; Twin Placenta.

Dr. Wm. Gardner:—Multiple Fibromata Uteri; Multiple Fibroids of Uterus with sessile; Submucous polyp; Lymphangiectatic Fibroma of Uterus.

Dr. Shepherd:—Enlargement of Thyroid Gland in Goitre. Dr. Lockhart:—Ovarian Cystoma; Hydatid mole; Myo-

fibroma uteri with hydrosalpinx.

Dr. Finley:—Lobar Pneumonia of right lung.

Dr. W. F. Hamilton:—Stomach showing pyloric stenosis with hypertrophy; Oxyuris Vermicularis.

Dr. J. G. MacCarthy:—Dissecting aneurism of thoracic

and abdominal aorta.

Dr. C. W. Wilson:—Three specimens of talipes equinovarus.

Dr. J. A. MacPhail:—Congenital Cystic Kidney.

Dr. Mary Fyffe: Feetus at 4½ months.

Dr. Proctor (through Dr. Shepherd):—Aneurism of Innominate Artery.

Dr. Dewar:—An encephalic monster.

Dr. J. J. Gardner: Melanotic sarcoma of eyeball.

Dr. Elder:—Meckel's diverticulum of bowel formed in inguinal hernial sac; Salivary calculus removed from floor of mouth.

Dr. Gordon Campbell:—Heart showing diffuse sclerosis of ventricular endocardium, with hypertrophy and dilatation of right ventricle.

Dr. Ridley Mackenzie: —Fœtus Amorphus Anideus.

The Pathological Laboratory of the Royal Victoria Hospital (Prof. J. G. Adami, Pathologist).

### CIRCULATORY SYSTEM.

Acute septic pericarditis, Pyæmic abscesses in heart wall. Heart of child showing bifid apex.

Idiopathic hypertrophy and dilatation of heart.

Cor. Bovinum.

Fatty infiltration of heart.

Secondary carcinoma in wall of right ventricle.

Aneurism of ascending and transverse arch of aorta, with rupture into œsophagus.

Atheroma of aorta.

Atheroma of abdominal aorta and its branches, with thrombosis of external iliac.

Varicose saphenous vein.

## RESPIRATORY SYSTEM.

Incomplete division of middle lobe of right lung.

Pulmonary aneurism in tuberculous cavity; pulmonary emphysema.

Miliary tuberculosis of lungs, two specimens.

Tuberculosis of lungs.

Caseous nodule in apex of lung.

Solitary tubercle in apex of lung.

Lobar pneumonia.

## DIGESTIVE SYSTEM.

Chronic tuberculous enteritis, inflammatory stenosis of ileum, operative oblation of appendix.

Tag from valvulæ comuventes of small intestine.

Anomaly of cæcum.

Acute follicular enteritis (tuberculous).

Intestine in typhoid fever, six specimens.

Abnormally long appendix.

Diverticulæ in transverse colon.

Stricture of rectum.

Congenital enlargement of cacum, and ascending and part of transverse colon with diverticulæ.

Appendix in unusual situation.

Cancer of omentum and large intestine.

Cancer of cæcum.

Chronic ulceration colitis with perforation, also multiple strictures of rectum.

Great omentum showing fibrous adhesions between abdominal wall and between its folds.

Tuberculous peritonitis, two specimens.

Amyloid liver.

Liver in portal pylephlebitis.

Secondary cancer of liver.

Thickening and contraction of gall bladder in a case of typhoid fever.

Carcinoma of cardiac end of stomach invading pancreas

and retroperitoneal glands.

Cancer of stomach.

Hourglass stomach.

Round ulcer of stomach without perforation.

## INTESTINAL PARASITES.

Tænia mediocanellata.

## GLANDULAR SYSTEM.

Tuberculosis of mesenteric glands, two specimens.

Persistent Thymus in patient aged 34.

Persistent Thymus.

Accessory Thyroids.

Accessory lobe of Thyroid.

Amyloid Spleen.

Leuchæmic Spleen.

Spleen and other organs from a case of splenic anæmia.

Typhoidal spleen.

Primary carcinoma of suprarenal capsule.

### GENITO-URINARY SYSTEM.

Cystic kidney.

Arterio-sclerotic kidney.

Miliary tuberculosis of kidney.

Kidneys, bladder and prostate. Enlargement of prostate, dilatation and hypertrophy of bladder, hydronephrosis. Horseshoe kidney in a child.

Hydronephrosis from pressure on ureter of new growth in pelvis.

Secondary carcinoma of kidney.

Acute hæmorrhagic nephritis.

Large white kidney in a child.

Adeno-carcinoma of bladder.

Calculous pyelonephritis.

Papilloma of urethra.

## FEMALE GENITAL SYSTEM.

Uterus showing lateral flexion and intramural fibroid; fibroid ovaries.

Secondary carcinoma of ovary.

Adeno-carcinoma of bladder.

## NERVOUS SYSTEM.

Cerebral abscess in left hemisphere.

Cerebral hæmorrhage into outer side of internal capsule.

Brain showing hæmorrhage into internal capsule.

Cerebral tumour. Endothelioma of dura mater over right hemisphere, descending into right parietal lobe.

## OSSEOUS SYSTEM.

Sternum in myelogenous leuchæmia.

Spinal caries.

Sarcoma of pelvis.

From the Pathological Laboratory of the Montreal General Hospital (through the kindness of Dr. J. Macrae, Pathologist.)

### CIRCULATORY SYSTEM.

Acute fibrinous pericarditis. Acute verrucose endocarditis of all valves; mitral and aortic stenosis; dilatation and hypertrophy of heart.

Endocarditis, acute and chronic.

Acute mycotic endocarditis of aortic valve, with fibrinous pericarditis.

Purulent pericarditis.

Acute verrucose tricuspid endocarditis, and chronic mitral endocarditis.

Perforation of septum ventriculæ (three specimens).

Fibrosis of myocardium in arterio sclerosis.

### RESPIRATORY SYSTEM.

Enchondromata of trachea.

Atelectasis with carnification of right lung.

Lobar pneumonia, three specimens. Chronic tuberculosis of both lungs.

Chronic tuberculosis with croupous puenmonia of left lung.

Pleural abscesses.

Fibroid adhesions of pleura.

Tuberculosis of lungs.

## DIGESTIVE SYSTEM.

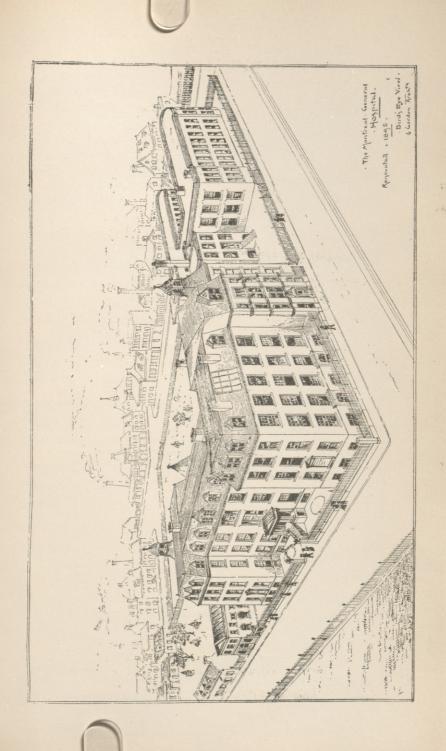
Primary carcinoma of root of tongue, secondary of heart, lungs and liver.

Carcinoma of esophagus with perforation.

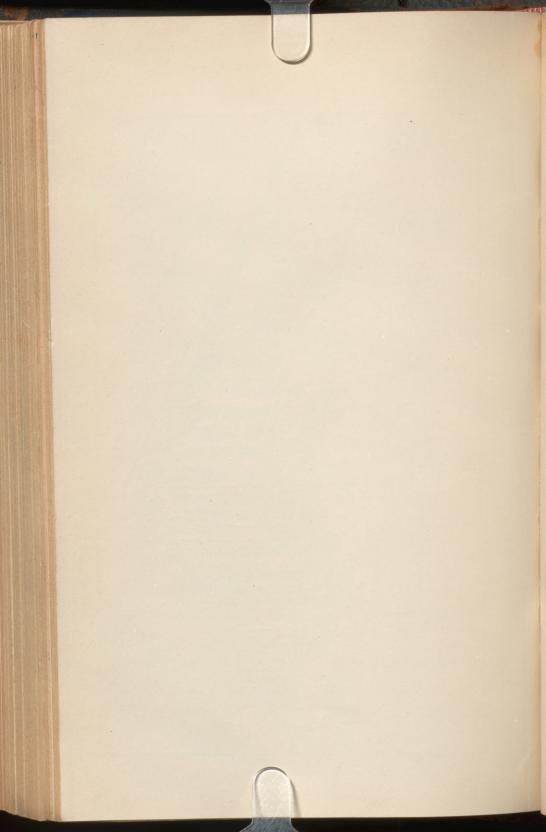
Carcinoma of pylorus, pancreas, retroperitoneal glands, omentum and diaphragm.

Stenosis of pylorus with gastrectasis.

Primary sarcoma of stomach, secondary of lymph glands and thyroid gland.



m



Typhoid bowels, seven cases.

Acute catarrhal enteritis in infant.

Miliary tuberculosis of peritoneum.

Extreme hyperplasia of lymphatic structures of intestines in fatal burn of skin.

Acute hæmorrhagie and follicular proctitis: cystitis.

## URINARY SYSTEM.

Kidney.

Double ureter.

Acute suppurative cystitis, ureteritis, and nephritis. Dilatation of ureters: disseminated abscesses of kidney. Suppurative prostatitis.

Acute pyelo-nephritis with multiple abscesses.

Double calculous pyonephrosis.

## FEMALE GENERATIVE SYSTEM.

Uterus after recent abortion.

Fibroma of uterus.

## NERVOUS SYSTEM.

Tempero-sphenoidal abscess of brain: meningitis. Fibro-sarcoma of cerebellum.

## REGIONAL.

Adeno-carcinoma of orbit with myxomatous degeneration. Anthrax. Malignant pustule from side of neck.

## INTESTINAL PARASITES.

Ascarides lumbricoides.

## COMPARATIVE PATHOLOGY.

From Dr. Higgins:—Strongylus filaria in lungs of sheep. From Dr. Jones:—Bovine tuberculosis: lung, pleura, diaphragm, liver, peri-bronchial glands; fætal calf.

## BOTANICAL SPECIMENS.

From Dr. Girdwood:—Half-section of orange showing chlorosis of one segment.

## MEDICO-LEGAL SPECIMENS.

From Dr. Wyatt Johnston:-Rupture of spleen and kidney. Traumatic hæmorrhage of brain (pachymeningitis

Traumatic hæmorrhage of brain (pacchymeningitis hæmorrhagica interna). Traumatic ecchymoses in right fornix and corpus striatum. Broncho-pneumonia of lungs.

Rupture of liver. Traumatic separation of intima of aorta. Railway accident.

Traumatic hæmorrhage of brain (arterio sclerosis).

Strangulation of new-born child.

Burn of both hands in electric shock.

Organs. Homicide.

Insurance case.

Railway accident. Fracture of skull and crushed chest.

Abrasion of skin by electric shock.

Suffocation of new-born child.

Rupture of aorta.

Larynx in suspected poisoning.

Homicide by strangulation.

Remains: fire.

Chronic pacchymeningitis.

Organs. Sulphuric acid poisoning.

Remains: fire.

Case of dog-bite.

Asphyxia of infant.

Tearing of scrotum.

Brain.

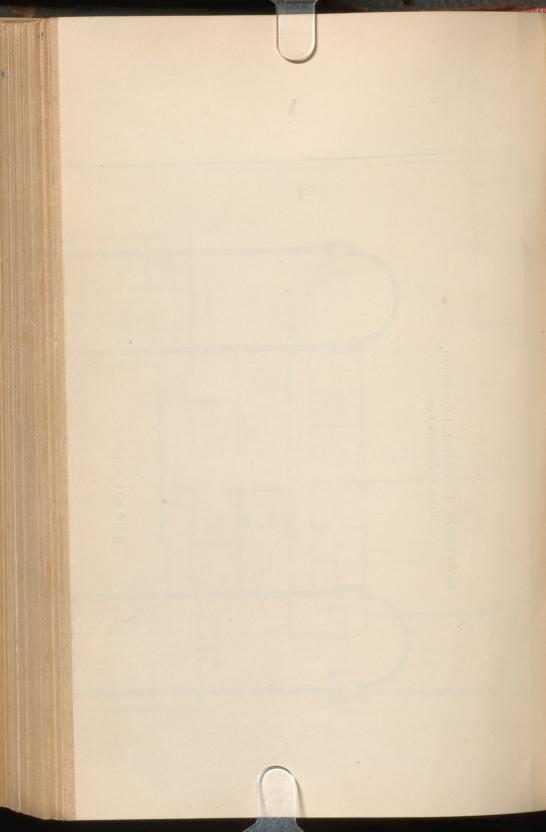
Fracture of cervical vertebræ.

## Museum of Hygiene.

DIRECTOR, WYATT JOHNSTON.

This Museum has been established from the interest accruing through the endowment of the Chair of Hygiene by Lord Strathcona and Mount Royal in 1893.

SI DOMINIGNE MONTREAL GENERAL HOSPITAL STUBENTS SMITINW MOOR COVERED WAY JAH BONARTNE K



in the Museum have been all classified upon a decimal system under the followings sections:—

1. External Hygienic Conditions.—Air, Soil, Meteorology, Climate.

2. Personal Hygiene.—Food and Diet, Bathing, Clothing, Special Life Periods.

3. Analytical Hygiene.—Apparatus, etc., for Sanitary Analysis.

4. Architectural Hygiene.—House Sites, Plans, Materials, Construction, Ventilation, Heating and Lighting, Sanitary Fittings.

5. Municipal Hygiene and Sanitary Engineering.—Water Supply, Sewage, Drainage, Refuse disposal, Street hygiene, Disposal of the dead.

6. Collective Hygiene.—Hygiene of Occupation, Offensive Trades, Accident prevention, Hygiene of Schools, Prisons,

Asylums, etc.

7. Infectious Diseases.—Pathogenic Bacteria and Fungi, Animal Parasites, Public Diagnosis and care of Infectious Diseases, Quarantine, Disinfection, the Communicable Diseases of Animals.

8. Sanitary Administration.

9. Vital Statistics.

In addition to the regular Museum Exhibit, there is a collection of over 1,000 lantern slides illustrative of phases of Hygiene. The slides have been so arranged as to be available for demonstrations as hand specimens. These slides as well as all the specimens in the Museum are card catalogued, and a projecting lantern is available for their demonstration.

The following are some of the principal exhibits:—Set of Knight's diagrams and models; working models illustrating house drainage, closets, etc., sewer air, movements of soil air; Doulton's models, of drainage, damp proof construction, absorption of moisture in building materials, ventilation appliance, combined heating and ventilation automatic regulation of heating and ventilation; building materials;

fire proofing. Estimation of carbonic acid and moisture in the air; meteorological observation; water supply, water piping; water filtrations of public and domestic supplies; polution of water supplies; ground water level; sewage and refuse disposal. Food supply; food adulteration; examination of milk supplies. Disinfection, disinfectants.

The following donations have been received during the

year :-

Johnson Electric Service Company of Buffalo-Model of Automatic Heat Regulator.

Ogilvie Brothers, Montreal—Apparatus for testing effici-

ency of closets, traps, etc.

Frank-Jenner Fire-Proofing Company, New York-

Specimens of Lignolith.

J. W. Hughes, Montreal—Sample of defective plumbing. Canadian Asbestos Company-Sample of covering for steam pipes.

## Anatomical Museum.

# DIRECTOR, PROFESSOR F. J. SHEPHERD.

M. JULES BAILLY, OSTEOLOGIST AND ARTICULATOR.

This Museum occupies a large room on the same floor and adjoining the Anatomy Lecture Room and Dissecting Room. Smaller apartments in connection are used for private research, which is encouraged in epery way by the Faculty.

The Museum is well furnished and comfortable, and students have every opportunity of studying Human, Compara-

tive and Applied Anatomy.

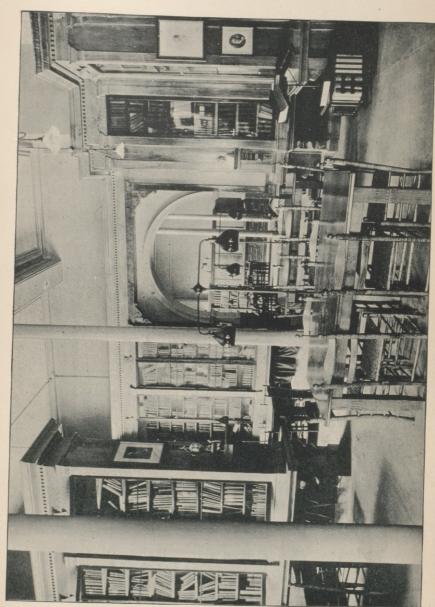
This department has during the past few years added a very complete collection of plaster and papier mache models by Steger, after the well-known works of His and Braune, comprising:

(a) A complete set of Steger's brain sections.

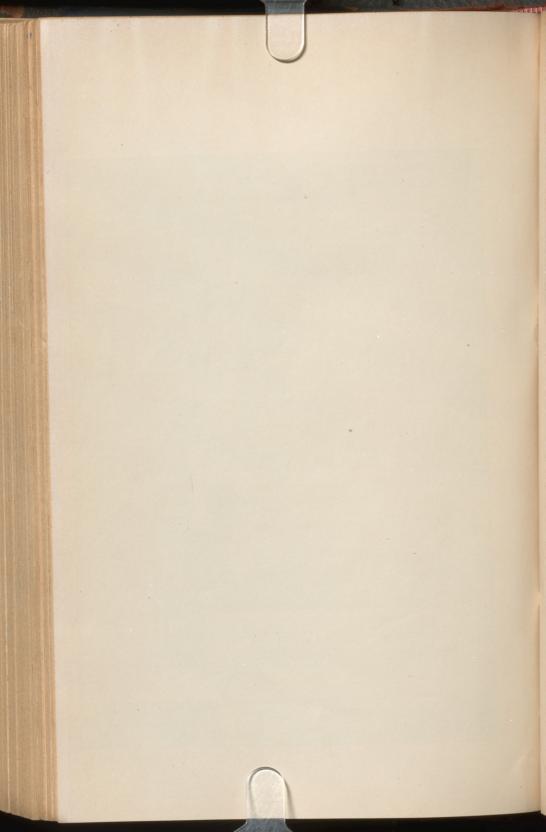
(b) Models of the cerebro-spinal and sympathetic nervous

systems.

(c) Professor Cunningham's well-known and beautiful casts of the head showing the relation of the cerebral convolutions to the skull and its sutures.



Students' Reading Room. - Medical Library.



A large collection of human brains, made by Professor Osler, formerly of this University, exhibiting the various types and extremes.

A large and rare collection of anomalies of the Renal vessels and ureter, and the aorta and its branches.

In Comparative Anatomy the student will find a fair amount of material, the study of which will greatly aid him in the elucidation of many points in Human Anatomy.

Many skeletons mounted by Mons. Jules Bailly, Articulator to the University, representing the various classes, orders, genera and species of the animal kingdom may be consulted.

A large collection, showing the pectoral girdle in birds, has been prepared under the supervision of the Professor of Anatomy.

Moist and dry preparations of dissections, a large collection of frozen cross sections of the human body, showing the normal relations of the viscera, etc., will be found convenient for study.

#### XII.

#### Library

LIBRARIAN, PROF. F. G. FINLEY.
ASSISTANT LIBRARIAN, MISS M. R. CHARLTON.

The Library of the Medical Faculty now comprises upwards of twenty-three thousand volumes, the largest special library connected with a medical school on this continent.

The valuable libraries of the late Professors Robert Palmer Howard, George Ross, Richard L. MacDonnell, T. Johnston Alloway and of Dr. Allen Ruttan have been donated to the Medical Faculty.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may consult any work of reference in the library between 9 a.m. and 6 p.m. A large library, reading-room for the use of students is provided.

## Extracts from the Library Regulations.

I. During the College Session the Library is open daily (except Sundays and general public holidays) from 9 a.m. till 6 p.m., and from 7 to 10 every evening. During vacation from 10 a.m. to 5 p.m.

II. The stack room is not open to students or to the public.

III. The books in the Library are classed in two divisions: 1st, those which may be taken from the Library; 2nd, those which may not, under any circumstances, be removed from the Library. The latter class includes all catalogues, diction-

aries and encyclopedias.

IV. Students will be allowed to use regular text-books only in the Library. Any other book map be taken out at 5.30 p.m. to be returned the next day. If books so removed from the Library are not returned punctually, a fine will be imposed, and if the delay be serious the student may be suspended from use of the Library at the discretion of the Librarian.

V. Students may take out books, subject to the above regulations, to the number of three volumes at one time.

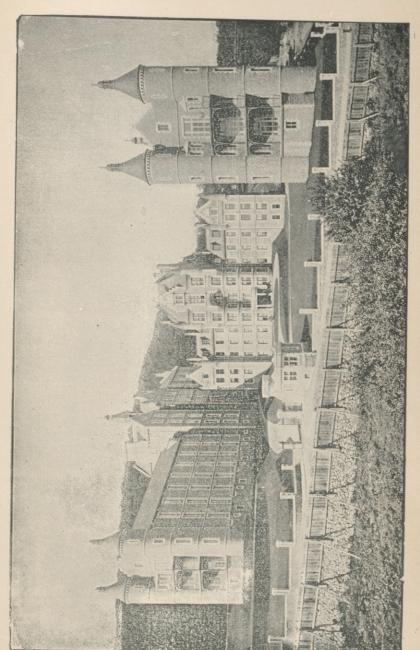
VI. Books may be taken from the Library only after they have been especially asked for and charged at the delivery desk; borrowers who cannot attend personally must sign and date an order, giving the titles of the books desired and the

name of the person deputed to procure the same.

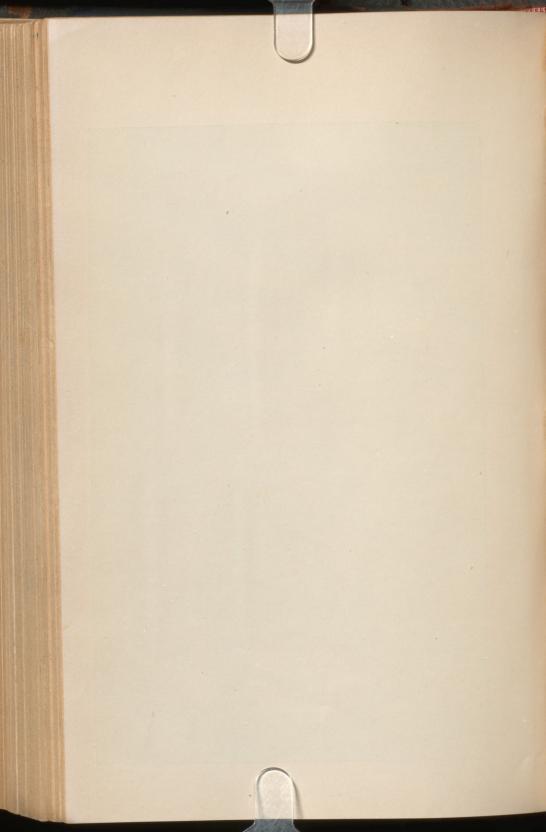
VII. Damage to or loss of books shall be made good to the satisfaction of the Librarian and of the Library Committee. Writing or making any mark upon any book belonging to the Library is unconditionally forbidden. Any persons found guilty of wilfully damaging any book in any way shall be excluded from the Library, and shall be debarred from the use thereof for such time as the Library Committee may determine.

VIII. Silence must be strictly observed in the Library.

IX. Infringement of any of the rules of the Library will subject the offender to a fine or suspension of his privileges,



Royal Victoria Hospital.



or to such other penalty as the nature of the case may require.

The number of volumes presented to the Library from Nov. 1st, 1900, to Oct. 31st, 1901	1,093 89
Total additions to November, 1901	1,172
The attendance of readers	9,848
June 15th, 1900, has been	9,956
The attendance from June 2nd, 1897, to May 14th.	0,000
1898, was	6,350
The attendance from June 1st, 1896, to June 1st.	,,,,,,
1897, was	5,920
The attendance from June 1st, 1895, to June 1st.	-,
1896, was	4,875
The number of books taken out for home use has	
been	5,803
The number of Journals and pamphlets has been	264

This does not include the works consulted in the Library. The Faculty has endeavored to make the Library as complete as possible for research work. Complete files of almost all the important periodicals are now on the shelves, including foreign as well as English and American journals. A large number of transactions of various societies has recently been acquired, and also the Berlin and Paris theses.

Arrangements have been made whereby practitioners both in the city and country can avail themselves of the library, the only conditions being the payment of express charges and a guarantee for the safe return of books borrowed.

#### XIII.

## McGill Medical Society.

This Society, composed of enregistered Students of the Faculty, meets every alternate Saturday during the Autumn and Winter Terms, for the reading of papers, case reports and discussions on medical subjects. A prize competition has

been established in senior and junior subjects, the senior being open to all to write upon, while only the 1st, 2nd and 3rd year students are allowed to compete in the junior subjects. The papers are examined by a board elected from the Professoriate, and a first and second prize in each division of subjects is awarded to the successful candidates.

Names of competitors and titles of papers shall be sent to the Chairman of the Programme Committee before September 1st, and all papers shall be subject to the call of the Committee on October 1st. All papers shall be handed in for ex-

amination on or before January 10th.

The Students' reading room has been placed under the control of this Society, in which the leading English and American Medical Journals are on file, as well as the leading

daily and weekly newspapers of the Dominion.

The annual meeting is held the first week of the Spring Term, when the following officers are elected: Hon. President, elected from the Faculty; President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter, Pathologist, and three Councilmen (of whom two shall be elected from the Faculty).

## XIV.

## Hospitals.

The City of Montreal is celebrated for the number and importance of its public charities. Among these its public hospitals are the most prominent and widely known. Those in which medical students of McGill University will receive clinical instruction are: (1) The Montreal General Hospital. (2) The Royal Victoria Hospital. (3) Montreal Maternity Hospital.

The Montreal General Hospital has for many years been the most extensive clinical field in Canada. The old buildings, having proved inadequate to meet the increased demand for hospital accommodation, have recently been increased by the addition of two surgical pavilions, the Campbell Memorial, and the Greenshields Memorial, and of a new surgical theatre. The interior of the older buildings now has been entirely reconstructed on the most approved modern plans.

The Royal Victoria Hospital at the head of University Street, which in structure and arrangements ranks among the finest modern hospitals of either continent, was opened for the reception of patients the first of January, 1894, and affords exceptional opportunities for clinical instruction and practical training.

#### Montreal General Hospital.

This Hospital consists of a Surgical, a Pathological and a Medical Department.

The Surgical Department has two large pavilions, containing four wards 135 feet long by 35 broad, with an intervening and connecting building in which is a large operating theatre of the most modern type, capable of seating over 350 students. In connection with this are preparation, ether ising, instruments, stertilising and surgeons' rooms, also smaller operating rooms. The Surgical pavilions, which were built three years ago, accommodate over one hundred patients.

The old part of the hospital, consisting of the Reed, Richardson and Morland wings, has during the past year been completely rebuilt and remodelled, and forms the Medical Department. This part contains four wards, 100 feet by 40, and is arranged for 150 beds. In this building there are wards for Gynaecological and Opthalmological patients, a number of private wards and laboratories for Clinical Chemistry. There is also a medical amphitheatre capable of seating 150 students and a gynaecological operating room fitted up in the most modern manner. The central part of the old building is for administration purposes.

A completely new and commodious out-door patient department has been provided on the ground floor of the Richardson wing, and there is ample accommodation for the various special departments as well as large rooms for general medical and surgical patients.

The Pathological Department is a completely new building in which are the post-mortem theatre and rooms for microscopical and bacteriological work, and also a mortuary and chapel. In this building students are offered every opportunity of perfecting their knowledge of morbid anatomy and pathological histology.

The old Fever Wards on the grounds of the Hospital have been completely remodelled, and are now used as a laundry, and kitchen.

A much larger number of patients receive treatment in the Montreal General Hospital than in any other Canadian Hospital. Last year's report shows that between two and three thousand Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 24.02 days. Upwards of thirty-two thousand patients are annually treated in the out-door department of this Hospital.

## The Royal Victoria Hospital.

This Hospital is situated a short distance above the University Grounds on the side of the Mountain, and overlooks the city. It was founded in July, 1887, by the munificence of Lord Mount Stephen and Lord Strathcona, who gave half a million dollars each for this purpose.

The buildings, which were opened for the reception of patients on the first of January, 1894, were designed by Mr Saxon Snell of London, England, to accommodate between 250 and 300 patients.

The Hospital is composed of three main buildings connected together by stone bridges; an Administration Block in the centre and a wing on the east side for medical patients, in

immediate connection with which is the Pathological wing and mortuary, and a wing on the west side for surgical patients.

The Administration block contains ample accommodation for the resident medical staff, the nursing staff and domestics. The patients' entrance, the dispensary and admission rooms are also situated in this building. To the north of the Administration block has been erected a large out-patients' department, in which are special departments for Minor Surgery, Ophthalmology, Laryngology, and Gynaecology. This wing was opened for patients during the winter of 1899-1900.

The Medical wing contains three large wards, each 123 feet long by 26 feet 6 inches wide, one ward 40 feet by 26 feet 6 inches, and fifteen private and isolation wards averaging 16 feet by 12 feet. Also a medical theatre with a seating capacity for 250, and three rooms adjacent to it for clinical chemistry and other purposes. North of this wing and in direct connection with it are the Pathological laboratories and mortuary.

In this wing are situated the mortuary proper, the chapel, a post mortem room capable of accommodating 200 students, and laboratories for the microscopic and bacteriological study of morbid tissues, some designed for the use of students and others for post graduation courses and special research. Special laboratories for Pathological Chemistry, Experimental Pathology, Bacteriology and Photography are also provided.

The Surgical wing contains three large wards, each 123 feet long by 26 feet 6 inches wide, four wards each 40 feet by 32 feet, and seven private and isolation wards, averaging 16 feet by 12 feet; also a surgical theatre with a seating capacity for 250, with six rooms adjacent for preparations and after recovery purposes.

In this wing are also the wards for Gynaecology and Ophthalmology. There is also an Isolation Pavilion for infectious diseases.

#### Hospital Fees.

Annual tickets entitling students to admission to both the Montreal General and the Royal Victoria Hospitals must be taken out at the commencement of the session, price \$5.00 each. These are obtained at the College. Perpetual tickets will be given on payment of the third annual fee.

#### XV.

#### CLINICAL INSTRUCTION.

During the Session of 1902-1903, three Medical, three Surgical, two Gynaecological and two Ophthalmological clinics will be held weekly in both the Montreal General and Royal Victoria Hospitals.

In addition, tutorial instruction will be given in these different departments in the wards, out-patient rooms and laboratories. Special weekly clinics will be given in the Montreal General Hospital on Dermatology and Laryngology and in the Royal Victoria Hospital on diseases of the Genito-Urinary system, Laryngology and Neurology.

CLINICAL CLERKS in the medical and surgical wards of both Hospitals are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted to him. Students entering on and after October, 1893, are required to show a certificate of having acted for six months as clinical clerk in medicine and six months in surgery, and are required to have reported at least ten cases in medicine and ten in surgery. The instruction obtained as clinical clerk is found to be of the greatest possible advantage to Students, as affording a true practical training for his future professional life.

Dressers are also appointed to the Out-door Departments. For these appointments, application is to be made to the Assistant Surgeons, or to the resident surgeon in charge of the out-patient department.

The large number of patients affected with diseases of the eye and ear, now attending the special clinics at both hospitals afford ample opportunity to students to become familar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope; and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by the Ophthalmic Surgeons after the outdoor patients have been seen, and Students are invited to attend the same, and as far as practicable to keep such cases under observation so long as they remain in the Hospital.

There are also special departments in both Hospitals for Gynaecology and Laryngology, directed by Specialists in these branches. Students are thus enabled to acquire special technical knowledge under skilled direction. The plan of teaching practical gynaecology for the past five years with marked success has been the limitation of the number of Students attending each clinic to four.

The Clinics at the Montreal General Hospital in Dermatology and in both hospitals in Laryngology are very large, and afford a practical training in affections of the skin and throat rarely obtained by medical students.

A special clinic for diseases of the Genito-Urinary Organs has been established at the Royal Victoria Hospital.

Infectious diseases and Insanity will also be taught clinically, the former in the special wards for infectious diseases and the latter at the Verdun Hospital for the Insane.

## The Montreal Maternity.

The Faculty has great pleasure in announcing that the Corporation of the Montreal Maternity has made very important additions to its building, and has in contemplation the erection of a large new building, fitted with the most modern appliances. The new Hospital will be situated at

the corner of Prince Arthur and St. Urbain Streets. Plans and specifications for it are now about complete. Students will therefore have greatly increased facilities for obtaining a practical knowledge of obstetrics and diseases of infancy. An improved Tarnier-Budin phantom is provided for the use of the students, and every facility afforded for acquiring a practical knowledge of the various obstetric manipulations. The institution is under the direct supervision of the Professor of Midwifery, who devotes much time and attention to individual instruction. Students who have attended the course on obstetrics during the autumn and winter term of the third year will be furnished with cases in rotation, which they will be required to report and attend till convalescence. Clinical midwifery has been placed upon the same basis as Clinical Medicine and Surgery, and a final Clinical examination instituted. Regular courses of clinical lectures are given throughout the session, special attention being paid to the important subject of infant feeding. The Walker-Gordon process of modifying milk is explained and demonstrated. During the autumn and winter terms the Demonstrator of Obstetrics gives Clinical Demonstrations in the wards and instruction in operative work on the phantom. Students will find it very much to their advantage to pay special attention to their Clinical work during the spring term of the third year and the following summer. One resident medical officer is appointed yearly from the graduating class to hold office for a period of six months.

Fee for twelve months, \$12, payable at the Maternity Hospital.

#### Hospital Appointments.

The Resident Medical and Surgical Staff of the Montreal General, the Royal Victoria and the Maternity Hospitals, is selected by examination from the members of the graduating class of each year. There are from fifteen to twenty such appointments made annually which are tenable for from one to three years, while a number of them carry a small salary with them. The following students of the graduating class of 1902 received hospital appointments:—

#### ROYAL VICTORIA HOSPITAL:

Surgical Side: Drs. J. D. Dixon and J. L. D. Mason.

Medical Side: Drs. J. R. Byers and J. C. Colby.

Ophthalmology: Dr. N. C. Jones. Anæsthetist: Dr. L. C. Harris.

Locum Tenens: Drs. H. K. Stockwell and J. A. MacNaughton.

#### MONTREAL GENERAL HOSPITAL:

Drs. W. A. Gardner, R. C. Paterson, J. W. Manchester, J. A. E. Campbell, W. E. Dixon W. E. McKee.

Locum Tenens: Drs. J. F. C. Foster, F. C. Mason, S. Evans.

Anæsthetist: Dr. Simpson.

## MATERNITY HOSPITAL:

Dr. C. W. Hopkins.

Locum Tenens: Dr. Geo. Moffat.

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#### XVI.

#### CLASS LISTS.

#### SEVENTIETH SESSION, 1901-1902.

The total number of students enregistered in the Medical Faculty during the past Session was 455, of whom 440 were undergraduates and 15 were graduates attending post-graduate and special courses.

Of whom there were from:-	
Quebec	Prince Edward Island 20
Ontario 140	Manitoba and N.W.T
New Brunswick 49	West Indies
Nova Scotia and Cape Breton 28	British Columbia 18
United States 42	Ireland
Newfoundland. 6	

#### FIRST YEAR.

Alguire, A. Ri, Cornwall, Ont.
Auld, J. W., Vancouver, B.C.
Bonelli, V., B.A., Ste. Agathe des Monts, Q.
Brown, F. F., Cornwall, Ont.
Brown, G. T., Danville, Q.
\*Budyk, J. S., Montreal.
Bulmer, A. M., Montreal.
Burgess, H. C., Sheffield Mills, N.S.
Cameron, A. B., Lancaster, Ont.
\*Chandler, A. B., Montreal.
Chisholm, H. A., Linwood, N.S.
Connor, E. L., Berlin, Ont.
Conway, C. J., B.A., Millville, Mass., U.S.A.
Costello, W. J., B.A., Millville, Mass., U.S.A.
Costello, W. J., B.A., Montreal.
Covernton, C. F., Montreal.
Cumming, A., B.A., Scotsburn, N.S.
\*Curtis, W. E., Montreal.
\*Dearborn, H. F., Lawrence, Mass., U.S.A.
Des Isles, C. J. R., Montreal.
Dougan, B. H., Hibernia, N.B.
Dowler, W. H., Billings Bridge, Ont.
Duggan, R. G., Hamilton, Ont.
Dykes, W., Nanaimo, B.C.
Eaton, F. C., Hancock, N.H., U.S.A.
Ewart, D., Billings Bridge, Ont.
\*Fripp, G. D., Montreal.
Gaudet, E. A., Memramcook, N.B.
†Gourley, H. B., Ph.B., Montreal.

<sup>\*</sup> Double Course. † Partial.

Grant, D. J., Gravenhurst, Ont. \*Gray; E. H., Montreal West, Q. Greene, H. B., Lyndhurst, Q. Greene, H. B., Lyndhurst, Q.
Grimmer, R. D., St. Andrews, N.B.
Gunn, A. K., Lancaster, Ont.
\*Gurd, F. B., Montreal.
Hand, W. T., Montreal.
Hanington, D. P., Victoria, B.C.
Hanington, J. W. B., Victoria, B.C.
Heagerty, J. J., Montreal.
Henderson, E. H., B.A., Franklin Centre, Q.
Henry, E. G. B.A., Lennoxville. Henry, E. G., B.A., Lennoxville. Hewitt, T. J., Montreal. Hume, G. M., Leeds, Q. Joughin, J. L., Moncton, N.B. King, F. C., Wolfville, N.S. King, J. L., Montreal. King, S. S., Albert, N.B. Leslie, H. A., Souris West, P.E.I.
Likely, D. S., B.A., St. John, N.B.
Loggie, W. S., Chatham, N.B.
\*Lomer, S. A., Montreal.
MacDermot, J. H., Gordon Town, Jamaica.
†MacDonald, J. P., Ste. Agathe des Monts, Q.
MacGillis, A. F., Bridge End, Ont.
MacLean, J. D., Culloden, P.E.I.
McCormick, A. S., Montreal.
\*McDonald, J. A., Valleyfield, Q.
McDougald, W. L., Cornwall, Ont.
McIntosh, G. J., Dalkeith, Ont. Leslie, H. A., Souris West, P.E.I. McIntosh, G. J., Dalkeith, Ont.
McMurtry, S. O., B.A., Port Hope, Ont.
McMurtry, W. C., Montreal.
McNaughton, W. B., St. Raphael West, Ont. McNaughton, W. B., St. Raphael W. Mason, J. H., Lachute Mills, Q.
\*Mercer, T. C., Chilliwack, B.C.
Mersereau, H. C., Doaktown, N.B.
Moffatt, C. F., B.A., Montreal.
Mohr, F. W. C., Arnprior, Ont.
Morrison, J. C., Vancouver, B.C.
Muckleston, H. S., M.A., Perth, Ont.
Mulligan, J. W., Omemee, Ont.
Nelles, S. R. B., Simcoe, Ont.
Petersky, S., Vancouver, B.C. Nelles, S. R. B., Simcoe, Ont.
Petersky, S., Vancouver, B.C.
Prendergast, A. R., B.A., Montreal.
\*Pruyn, W. G., Napanee, Ont.
\*Rabinovitch, M., Montreal.
Ralph, A. J., Ph.B., Montreal.
Raftery, C. R., Montreal.
Richards, E. T. F., St. Vincent, B.W.I.
Robertson, A. R., Victoria, B.C.
Robertson, B. W., Wickham, N.B.
Ryan, F. McD., B.A., Camden East, Ont.
Sawyer, A. R., Roslindale, Mass., U.S.A.
Scott, W. J., B.A., Montreal.
Scrimger, F. A. C., B.A., Montreal.
iShipley, C. E., East Amherst, N.S.
Sinclair, E. E., Summerside, P.E.I.
Soady, J. H., B.A., Nelson, B.C. Soady, J. H., B.A., Nelson, B.C.

<sup>\*</sup> Double Course. † Partial.

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Somerville, H. A., Waterville, Q. †Styles, W. A., Montreal. Sullivan, J. A., Arnprior, Ont. Tees, F. J., B.A., Halifax. N.S. Tierney, J. E., Niagara Falls, N.Y. Tull, J. A. C., Antigua, B.W.I. Turnbull, F. G. Branchton, Ont. Turnbull, E. G., Branchton, Ont.
Valin, R. E., Ottawa, Ont.
Viner, N., B.A., Montreal.
\*Wales, H. Osgood, Robinson, Q.
Wilkinson, W. M., Woodstock, Ont.
Wood, G. O., Morrisburg, Ont.
Wotherspoon, H. C., St. Albans, Vt., U.S.A. Wyman, J. K., Rockland, Ont. Young, C. A., Ottawa, Ont.

#### SECOND YEAR.

Ainley, L. T., B.A., Almonte, Ont.
Ainley, W. E., B.A., Bermuda, B.W.I.
Alford, H. J., Ottawa.
Atkinson, H. S., Cupids, Nfid.
Bentley, J. S., B.A., Truro, N.S.
Black, C., Oxford Station, Ont.
Blanchet, S. F. N., Ottawa.
Bonin, R. P., Montreal.
Bromley, J. E., Pembroke, Ont.
Charman, F. D., Wallace, N.S.
Chibman, W. W., Ottawa.
Coffin J. W., Mount Stewart, P.E.I.
Cook, W. J., Coboconk.
Crack, I. E., B.A., Kingsbury, Q.
Crosby, P. C., Marshfield, P.E.I.
Crowell, B. C., B.A., Yarmouth, N.S.
Cunningham, F. J., Montreal.
Dalton, J. T., St. John, N.B.
Davidson, H. D., Sherbrooke, Q.
Dillon, W. P., Iroquois, O.
Douglas, E. D., B.A., Halifax, N.S.
Dunn, J. F., Elgim, Ont.
Eaton, C. E., Stanbridge, Q.
Ernandez, J. A., Spanish Town, Jamaica.
Finnie, J. A., Montreal.
Faulkner, J. A., B.A., Stirling, Ont. Ernandez, J. A., Spanish Town, Jam: Finnie, J. A., Montreal.
Faulkner, J. A., B.A., Stirling, Ont. Fisher, E. M., Bluebonnets, Q. Ford, H. S., Vancouver, B.C. Ford, W. S., Belleville, Ont. ‡Fraser, S., Leeds, Q. Fyshe, J. C., A.B., Montreal. Geddes, R. W., B.A., Deseronto, Ont Gibson, G. M., Huntingdon, N.Y. Gibson, R., Nanaimo, B.C. Gibson, R., Nanaimo, B.C. Gill, F. D. B., St. John's, Nfld. Gillis, J. E., Darlington, P.E.I. Gilroy, J. R., Springfoil, N.S.
Gormely, J. C., Morrisburg, Ont.
Graham, Rt W., Sawyerville, Q.
Grant, N. P., Woodstock, N.B.
Greenwood, W. T., St. Catharines, Ont.

<sup>\*</sup> Double Course. I Conditioned. † Partial.

Harrison, L. L., B.A., Maccan, N.S. Hogan, F. J., North Cape, P.E.I. Hotchkiss, E. A., Collinsville, Conn. Howitt, H. O., Guelph, Ont. Hughton, M., Arnprior, Ont. Hunter, J. D., Victoria, B.C. Inksetter, F. S., Dundas, Ont. Johnson, J. G. W., B.A., Montreal. Judson, A. H., Lynn, Ont. Judson, A. H., Lynn, Ont.
Keys, M. J., Hulbert, Ont.
Lacasse, L. J., Campbellton, N.B.
Lauchland, L. C., B.A., Oshawa, Ont.
Lawson, G. E., Grand Manan, P.E.I.
Lincoln, W. A., Stanstead, Q.
Lippiatt, H. T., Abbotsford, Q.
Losier, A. J., Tracadie, N.B.
MacCallum, J. D. G., Montreal.
Mackenzie, A. B., Springfield, P.E.I.
Mackid, L. S., Calgary, Alta.
McDonald, J. C., Peak's Station, P.E.I.
McIntosh, L. de C., Iroquois, Ont.
McKenty, F., Bath, Ont. McConald, J. C., Peak's Station, P.E.I.
McIntosh, L. de C., Iroquois, Ont.
McKenty, F., Bath, Ont.
McKenzie, R. P., Plainfield, Ont.
McLeod, J. A., Dunvegan, Ont.
McLeod, J. A., Dunvegan, Ont.
McLeod, W. A., Finch, Ont.
McMicking, A. E. T., Victoria, B.C.
Maillet, H. A., Butte City, Montana, U.S.A.
Margolese, O., Montreal.
Markson, S., Glen Robertson, Ont.
Martin, J. C., Whitechurch, Ont.
Martin, J. C., Whitechurch, Ont.
Miller, C., Stellarton, N.S.
Miller, V. L., B.A., Bear River, N.S.
Muir, K. C., Huntingdon, Q.
\*Murphy, H. H., Antrim, Ont.
Nagle, S. M., Almonte, Ont.
Nathan, D., Montreal.
Nutter, J. A., B.A., Montreal.
Pavey, C. A., London, Ont.
Preston, C. E., Ottawa.
Price, J., Verdun, Q.
Quain, B. P., Moira, N.Y.
Rankin, A. C., Montreal.
Reford, L. L., B.A., Montreal.
Richardson, C. A., Jefferson, Maine, U.S.A.
Richardson, C. A., Jefferson, Maine, U.S.A.
Richardson, C. A., J. Sydney, C.B.
Rilance, C. D., Lachine, Q.
Robinson, J. L., St. Marys, Ont.
Rogers, J. T., B.A., Montreal.
Seifert, F. W., B.A., Quebec, Q.
Sellery, A. C., Kincardine, Ont.
Shillington, R. N. W., Ottawa.
Sibbald, J. P. M., Sutton West, Ont.
Sims, H. A., Montreal.
Smith, W. A., B.A., Almonte, Ont. Sibald, J. P. M., Sutton West, Ont.
Sims, H. A., Montreal.
Smith, W. A., B.A., Almonte, Ont.
Stewart, J. A., Norboro, P.E.I.
Sweeney, J. L., B.A., Dover, N.H., U.S.A.
Warwick, W., St. John, N.B.
Waterman, C., Ogdensburg, N.Y.

<sup>\*</sup>Double course.

PRESENTAL S

Wigle, C. A., Wiarton, Ont.
Wilson, C. E., Napanee, Ont.
Wilson, O. M., Smiths Falls, Ont.
Wilson, T. R., B.A., Carp, Ont.
Winfrey, W. W., B.L., Sault Ste. Marie, Michigan.
Wood, H. G., Faribault, Minn.
Wood, W. H., Westmount, Q.
Wright, G. A., Stony Creek, N.B.
Yorston, F. P., Newcastle, N.B.
Young, G. J., St. Margaret's Bay, N.S.

#### THIRD YEAR.

Allan, R. H., Montreal. Allum, A. W., Renfrew, Ont. Anderson, C. W., B.A., Halifax, N.S. Andrews, J. J., St. Lambert, Q. Andrews, J. J., St. Lambert, Q. Anton, D. L. S., Ireland.
Arnold, D. R., B.A., St. John, N.B.
Auston, J. B., Brighton, Ont.
Bailey, G. W., Fredericton, N.B.
Bishop, G. A., Kinburn, Ont.
Bishop, L. C., Marbleton, Q.
Blakeman, F. W., Stratford, Ont.
Boire, W. E., Manchester, N.H., U.S.A.
Boulter, J. H. Picton, Ont. Boulter, J. H., Picton, Ont.
Boyd, O., Russell, Ont.
Briggs, J. A., New Westminster, B.C.
Brooks, J. E., B.A., Eastport, Maine, U.S.A.
Burns, A. S., B.A., Kingston Station, N.S.
Campbell, W. G., Brantford, Ont.
Carnochan, W. L. C., Montreal.
Chamberlain, H. B., Perth, Ont.
Chandler, E. C., Montreal.
Chaplin, H. L. S., St. John's, Nfld.
Church, H. C., Chelsea, Q.
Cowperthwaite, H. H., St. John's, Nfld.
Croft, L. V., B.A., Middleville, Ont.
Cumming, W. G., B.A., Montreal.
Dickson, A. J., B.A., Goderich, Ont.
Dickson, W. H., Pembroke, Ont.
Donnelly, William H., Ogdensburg, N.Y.
Douglas, F. C., Montreal.
Dowson, C. K., Montreal.
Doyle, F. H., B.A., Natick, Mass., U.S.A.
Ebbett, L. P. B., Lower Gagetown, N.B.
Elder, R., Trout River, Q.
Ells, R. H., B.A., Ottawa. Boulter, J. H., Picton, Ont. Ells, R. H., B.A., Ottawa.
English, J. M., New Westminster, B.C.
Fisher, F., B.A., Bay of Islands, Nfld.
Forbes, R. D., Stratford, Ont.
Fortin, C. E. F., B.A., Winnipeg, Man. Fortin, C. E. F., B.A., Winnipeg, Man. Freeze, E. H., Penobsquis, N.B. Frost, A. C., Montreal. Gale, W. P., Quebec, Q. Gillis, J. H., Campbellton, N.B. Gilmour, C. R., Brockville, Ont. Gow, R. J., Warkworth, Ont. Hansen, N. C., M.A., Portland, Maine, U.S.A. Hardisty, R. H. M., Montreal. Horsfall, F. L., Montreal. Hutchinson, J. W., Montreal.

Hynes, W. T., Darnley, P.E.I.
Kenny, R. W., Ottawa.
Kerr, H. H., Washington, D.C., U.S.A.
King, R., B.A., Sackville, N.B.
Kissane, J. W., Chateaugay, N.Y., U.S.A.
Lamb, W. V., St. Andrews, N.B.
Langsford, A. W., Cameron, Ont.
Laurie, E., B.A., Montreal.
Lundie, J. A., B.A., Montreal.
Lundie, J. A., B.A., Montreal.
Lyman, W. S., Knoxville, Tenn., U.S.A.
Lynch, A. L., Britannia Bay, Ont.
Macdonald, R. St. J., B.A., Bailey's Brool Lynch, A. L.. Britannia Bay, Ont.
Macdonald, R. St. J., B.A., Bailey's Brook, N.S.
Mackenzie, W. A., Wood Islands, P.E.I.
McCulloch, J. M., Durham, Ont.
McDonald, S. H., B.A., St. John, N.B.
McEachern, I. W. T., Rockland, Ont.
McEwen, J. R., Dewettsville, Q.
McGrath, F. C., Norway, P.E.I.
McGuigon, J. D., Kelly's Cross, P.E.I.
McIntosh, H. H., Montreal.
McIntosh, J. A., Vankleek Hill, Ont.
McKechnie, D. W., Dundas, Ont.
McLaren, D. D., Felton, Ont. McKechnie, D. W., Dundas, Ont.
McLaren, D. D., Felton, Ont.
McLaughlin, E. M., Winona, Minn., U.S.A.
McPherson, T., Stratford, Ont.
Maby, W. J., Cohoes, N.Y., U.S.A.
Magee, C. F., North Gore, Ont.
Meindl, A. G., Mattawa, Ont.
Mitchell, J. E., B.A., Sherbrooke, Q.
Montgomery, C. H., St. John, N.B.
Morris, S. C., Wallace, N.S.
Munro, J. H., Maxville, Ont.
Munroe, H. B., B.A., Almonte, Ont. Munroe, H. B., B.A., Almonte, Ont. Munroe, H. E., St. Elmo, Ont. Murray, J. S., St. John, N.B. Nelson, J. S., City View, Ont. Nelson, W. E., Montreal. Nelson, J. S., City View, Ont.
Nelson, W. E., Montreal.
Ness, W., Howick, Q.
O'Brien, C. W., B.A., Noel, N.S.
O'Neill, J. M., Messina, N.Y., U.S.A.
Park, A. W., Durham, Ont.
Parris, N. D., Barbadoes, W.I.
Patch, F. S., B.A., Montreal.
Peterson, G. R., Toy's Hill, Ont.
Puddington, B. A., St. John, N.B.
Rehfuss, W. N., Bridgewater, N.S.
Robertson, W. G., Montreal.
Scott, W., Montreal.
Scott, W., Montreal.
Scott, W., Brantford, Ont.
Slack, M. R., Farnham, Q.
Smith, C. M., Red Mountain, Q.
Steeves, E. O., Upper Sackville, N.B.
Stowell, F. E., Worcester, Mass., U.S.A.
Taggart, E. A., Ottawa.
Tanner, C. A. H., Windsor Mills, Q.
Thomas, S. B., Bridgetown, Barbadoes, W.I.
Townsley, R. H., Westmount, Q.
Truax, W., Farnham, Q.
Turner, G. H., B.A., Baie Verte, N.B.
White, P. G., Woodstock, Ont.
White, S. G., Ottawa.
Willmore, J. G., London, England.
Wilson, A., Russell, Ont. Wilson, A., Russell, Ont.

#### FOURTH YEAR.

Ames, A. C., Field, B.C. Anthony, T. B., Berwick, N.S. Baillie, S. A., B.A., Troy, N.Y., U.S.A. Bishop, L. C., Marbleton, Q. Blair, H. G. F., Ashton, Ont. Biair, H. G. F., Ashton, Chr.
Byers, J. Ri, Montreal.
Campbell, A., Souris, P.E.I.
Campbell, J. A. E., B.A., Westmount, Q.
Cantlie, F. P. L., Montreal.
Carter, W. LeM., B.A., Quebec, Q.
Christie, F. J., Martintown, Ont.
Codrington, R. F., Montreal.
Colbridge C. P. A. Stanstead, Q. Colby, J. C., B.A., Stanstead, Q. Coleman, C. E., Chatham, N.B. Cox, R. B., Collinsville, Conn., U.S.A. Cullen, W. H., Montreal. Curren, L. M., St. John, N.B.
Currie, W. D., B.A., Halifax, N.S.
Dixon, J. D., Montreal.
Dixon, W. E., Montreal.
Dorion, W. A., Waterloo, Q.
Eastman, E. B., Portsmouth, N.H., U.S.A. Evans, S., Ottawa. Featherston, H. C., Hamilton, Ont. Folkins, H. G., Millstream, N.B. Forster, J. F. C., Dorchester, N.B. Forster, J. F. C., Dorchester, N.B.
Gardiner, R. J., Smith's Falls, Ont.
Gardner, W. A., B.A., Huntingdon, Q.
Gibson, E. J., Campbellford, Ont.
Green, F. W., Pictou, N.S.
Halliday, J. Le R., Sawyerville, Q.
Harris, L. C., Moncton, N.B.
Hart, F. W., B.A., Sackville, N.B.
Harvie, S. K., B.A., Newport, N.S.
Henry, C. M., Palmer, S. Dakota, U.S.A.
Hollingsworth, J. E., Meekling, S. Dakota, U.S.A.
Honkins, C. W., Aroostook Jurc., N.B.
Hyatt F. A. B.Sc., Dickinson's Centre, N.Y. Hyatt, E. A., B.Sc., Dickinson's Centre, N.Y. Igoe, O. A., Tarrytown, N.Y. Irwin, F., Shelburne, N.S. Johnson, G. R., B.A., Annapolis, N.S. Johnson, J. A., B.A., Lachine, Q. Jones, N. C., B.A., Gananoque, Ont. Leney, J. M., B.A., Montreal. Lidstone, A. E., Richmond West, Ont. Lomas, A. J. Montreal Lidstone, A. E., Richmond West, Ont.
Lomas, A. J., Montreal.
Macdonald, A. A., B.A., St. Andrews, P.E.I.
Mackinnon, G. E. L., Alexandria, Ont.
Mackinnon, I. W., Charlottetown, P.E.I.
MacLaren, A. H., B.A., Huntingdon, Q.
MacNaughton, J. A., Salsbury, N.B.
McDonald, P. A., B.A., Dundee Centre, Q.
McGibbon, D., Arkona, Ont.
McGibbon, S., Arkona, Ont.
McGrath, R. H., Dorchester, N.B.
McKee, W. E., Coaticooke, Q.
McKenzie, J. B., B.A., Campbellton, N.B.
McNeill, J. F., Kensington, P.E.I.
Manchester, J. W., St. John, N.B.
Martin, H. E., Chatham, Ont.
Mason, E. G., Westmount, Q.
Mason, F. C., Plattsburg, N.Y., U.S.A.

Mason, L. D., B.A., Montreal.
May, L. W., Ottawa.
Menzies, J. E., New Bedford, Mass.
Moffatt, G., Inkerman, Ont.
Morrison, J. F., Copleston, Omt.
Morse, W. R., B.A., Lawrencetown, N.S.
Moses, H. C., Caledonia, Ont.
Mothersill, G. S., Ottawa.
Palmer, G. H., Dorchester, N.B.
Paterson, R. C., B.A., Montreal.
Pavey, H. L., London, Ont.
Peters, O. R., Gagetown, N.B.
Pickard, L. N., Charlottetown, P.E.I.
Pratt, C. M., St. John, N.B.
Ritchie, C. F. P., B.A., Montreal.
Robb, G. W. A., Oxford, N.S.
Riberts, A. B., Lanark, Ont.
Saunders, W. E., Woodstock, N.B.
Ship, M. L., B.A., Montreal.
Smith, T. W., Hawkesbury, Ont.
Stockwell, H. K., Danville, Q.
Symmes, C. R., Aylmer.
Thomas, J. W., B.A., Montreal.
Tolmie, J. A., Moose Creek, Ont.
Tracy, E. A., B.A., Lancaster, N.H., U.S.A.
Van Wart, R. McL., B.A., Fredericton, N.B.
Walker, H., Jr., B.A., New York, U.S.A.
Wilkins, F. F., Montreal.
Williams, R. G., Meaford, Ont.
Wood, I. H. M., Montreal.

#### Graduate Students.

Abbott, Maude E., B.A., M.D Montreal, Que.
Charlton, Geo. A., M.D Montreal, Que.
Collison, John, M.D Montreal, Que.
Gray, F. S., M.D Troy, Vt., U.S.A.
Giroux, C. I Montreal, Que.
Howell, W. B., M.D., L.R.C.P. & S. Edin Montreal, Que.
Howey, W. H., M.D Sudbury, Ont.
Jones, F. B., M.D Montreal, Que.
Loucks, W. F., M.D Campbellford, Ont.
MacTaggart, D. D., B.A.Sc., M.D Montreal, Que.
McKechnie, R. E., M.D Vancouver, B.C.
Munro, A. S., M.D Vancouver, B.C.
Robertson, Colin G., M.D
Robertson D MoD M D
Robertson, D. McD., M.D Montreal, Que.
Woolley, Paul G., B.S., M.D Montreal, Que.

#### XVII.

# List of Prizemen and Medallists in the Medical Faculty.

In 1855 the examinations were divided into Primary and Final, and prizes were established for the best Thesis and for the best Examination in the Primary and Final branches.

In 1865 the Holmes' Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final branches. For statement concerning other prizes, see p.

The following is the List with the present addresses of the recipients:—

- 1854. FOR GENERAL PROFICIENCY.—1st Prize—Robert Craik, Montreal.

  2nd Prize—Thomas Simpson, Montreal.
- 1855. Thesis.—James McG. Stevenson, Ruby, Mich.

  Final Examination.—James McG. Stevenson, Lake Port.

  Final Examination.—James McG. Stevenson, Ruby, Mich.

  Primary Examination.—Walter J. Henry.\*
- 1856. Thesis.—Walter James Henry,\* and W. J. Jones, Prescott, O. Final Examination.—E. Laberge.\*

  Primary Examination.—\*Hon. Levi R. Church, Montreal, Q.
- 1857. Thesis.—\*Hon. Levi R. Church, Montreal, and D. T. Robertson,
  Lennoxville, Q.
  Final Examination.—\*Hon, Levi R. Church, Montreal, Q.
  Primary Examination.—James Kerr.\*
- 1858. Thesis.—Timothy F. English,\* and W. F. Taylor, Peterboro, O. Final Examination.—Wm. Harkin.\*

  Primary Examination.—Wm Harkin.\*
- 1859. Thesis.—Edward W. Smith.\*

  Final Examination.—James J. O'Dea, Stapleton, Staten Island,

  New York.

  Primary Examination.—Henry Warren.\*

<sup>\*</sup> Deceased.

1860. Thesis.—J. W. Pickup.\*

Final Examination.—Henry Warren.\*

Primary Examination.—Joseph M. Drake,\* and Fred. Sutherland.\*

1861. Thesis.—Joseph M. Drake,\* F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.

Final Examination.—Joseph M. Drake.\*

Primary Examination.—Thos. C. Walton, Inspector U.S. Navy Annapolis, Md.

1862. Thesis.—R. M. Bucke, London, O.

Final Examination.—John A. Stewart.\*

Primary Examination.—John J. Marston, Cheyenne, Wyoming.

1863. Thesis.—Wm. C. Gustin.\*

Final Examination.—J. J. Marston, Cheyenne, Wyoming.

Primary Examination.—R. A. Kennedy,\* and Peter A. McDougall, Ottawa, and C. F. Bullen.\*

1864. Thesis.—W. W. Squire.\*

Final Examination.—D. Howard Harrison, Winnipeg.

Primary Examination.—Kenneth Reid, New York.

1865. Holmes' Gold Medal.—E. P. Hurd, Newburyport, Mass.

Final Examination.—H. L. Vercoe.\*

Primary Examination.—George Ross,\* and W. Gardner,

Montreal.

1866. Holmes' Medallist.—George Ross, M.A.\*

Final Examination.—William Gardner, Montreal, Q.

Primary Examination.—Clinton W. Kelly, Louisville, Ky.

1867. Holmes' Medallist.—Clinton W. Kelly, Louisville, Ky.

Final Examination.—C. W. Kelly, Louisville, Ky.

Primary Examination.—Wm. Henry Patterson.

1868. Holmes' Medallist.—T. G. Roddick, Montreal, Q.

Final Examination.—T. G. Roddick, Montreal, Q.

Primary Examination.—Andrew Harkness, Lancaster, O.

1869. Holmes' Medallist.—T. D. Lucas.\*

Final Examination.—Andrew Harkness, Lancaster, O.

Primary Examination.—Alexander A. Henderson, Ottawa, O.

1870. Holmes' Medallist.—A. A. Henderson, Ottawa, O. Final Examination.—O. H. E. Clarke, Chicago. Primary Examination.—J. H. Mathieson, St. Mary's, O.

<sup>\*</sup> Deceased.

- 1871. HOLMES' MEDALLIST.—J. H. Mathieson, St. Mary's, O. Final Examination.—H. P. Wright, Ottawa, O. Primary Examination.—Thomas Kelly, Omaha, Neb.
- 1872. HOLMES' MEDALLIST.—Hamilton Allan, Tacoma, W.T.

  Final Examination.—G. A. Starke, Milwaukee, Wis.

  Primary Examination.—F. J. Shepherd, Montreal.

  SPECIAL PRIZE FOR THESIS.—W. Osler, Baltimore, Md.
- 1873. Holmes' Medallist.—Thomas Kelly, Omaha.

  Final Examination.—D. A. Alguire, Cornwall, Ont.

  Primary Examination.—J. D. Cline, B.A.\*
- 1874. HOLMES' MEDALLIST.—J. D. Cline, B.A.\*

  Final Examination.—J. C. Cameron, Montreal.

  Primary Examination.—S. J. Tunstall, B.A., Kamloops, B.C.
- 1875. Holmes' Medallist.—S. J. Tunstall, B.A., Kamloops, B.C Final Examination.—J. B. Benson, Chatham, N.B. Primary Examination.—C. H. Murray, B.A.,\* R. H. W. Powell, Ottawa, Ont.
- 1876. Holmes' Medallist.—Robert H. W. Powell, Ottawa, O.

  Final Examination.—Chas. H. Murray, B.A.\*

  Primary Examination.—Alex. C. Fraser, Manitowoc, Wis.

  Special Prize for Thesis.—R. L. MacDonnell, B.A.,

  Montreal.\*
- 1877. HOLMES' MEDALLIST.—James Bell, Montreal, Q.

  Final Examination.—W. D. Oakley, Streetsville, O.

  Primary Examination.—H. N. Vineberg, New York.
- 1878. HOLMES' MEDALLIST.—H. N. Vineberg, New York.

  Final Examination.—T. W. Mills, M.A., Montreal.

  Primary Examination.—W. R. Sutherland, Montreal.

  SUTHERLAND GOLD MEDAL.—J. M. Lefebvre, Vancouver, B.C.
- 1879. Holmes' Medallist.—J. B. Lawford, London, Eng.

  Final Examination.—A. W. Imrie, Detroit.

  Primary Examination.—J. A. McDonald, Montreal.

  Sutherland Gold Medal.—W. L. Grey, Pembroke, O.
- 1880. Holmes' Medallist.—J. A. McDonald, Montreal.

  Final Examination.—H. B. Small, Ottawa.

  Primary Examination.—James Ross, B.A., Dundas, O.

  SUTHERLAND GOLD MEDAL.—H. W. Thornton, B.A., New
  Richmond, Q.

<sup>\*</sup>Deceased.

- 1881. Holmes' Medallist.—James Ross, B.A, Dundas, O.

  Final Examination.—John W. Ross, Cohoes, N.Y.

  Primary Examination.—R. J. B. Howard, B.A., London, Eng.

  SUTHERLAND GOLD MEDAL.—C. E. Cameron, Montreal.
- 1882. Holmes' Medallist.—R. J. B. Howard, B.A., London, Eng. Final Examination.—Henry V. Ogden, B.A., Milwaukee, Wis. Primary Examination.—George A. Graham, Hamilton, O. Sutherland Gold Medal.—Wyatt G. Johnston, Montreal, Q. Morrice Scholar.—Wyatt G. Johnston, Montreal, Q.
- 1883. Holmes' Medallist.—C. E. Cameron, Montreal.

  Final Examination.—L. B. Loring, Chicago, Ill.

  Primary Examination.—Ed. G. Wood, Mitchell, O.

  SUTHERLAND GOLD MEDAL.—R. F. Ruttan, B.A., Montreal, Q.

  MORRICE SCHOLAR.—R. F. Ruttan, B.A., Montreal, Q.
- 1884. Holmes' Medallist.—Wm. A. Ferguson, Bathurst, N.B.

  Final Examination.—James P. McInerney, Kingston, N.B.

  Primary Examination.—Smith Gustin, Bay City, Mich.

  SUTHERLAND GOLD MEDAL.—John Elder, B.A.
- 1885. Holmes' Medallist.—Edwin G. Wood, Mitchell, O.

  Final Examination.—Smith Gustin, Bay City, Mich.

  Primary Examination.—Ed. J. Evans, La Crosse, Wis.

  SUTHERLAND GOLD MEDAL.—H. A. Lafleur, B.A., Montreal, Q.
- 1886. Holmes' Medallist.—Herbert S. Birkett, Montreal, Q.

  Final Examination.—Walter W. White, M.A., St. John, N.B.

  Primary Examination.—William I. Bradley, Sault St. Marie.

  SUTHERLAND GOLD MEDAL.—William I. Bradley, Sault St.

  Marie.
- 1887. Holmes' Medallist.—Ed. Evans, La Crosse, Wis.

  Final Examination.—Henri A. Lafleur, B.A., Montreal, Q.

  Primary Examination.—A. E. Garrow, Ottawa.

  SUTHERLAND GOLD MEDAL.—John Creasor, Toronto, O.
- 1888. HOLMES' MEDALLIST.—N. D. Gunne, St. Mary's, O.

  Final Examination.—W. G. Stewart, Montreal, Q.

  Primary Examination.—R. E. McKechnie, Montreal, Q.

  SUTHERLAND GOLD MEDAL.—C. W. Bissett, St. Peters, N.S.
- 1889. Holmes' Medallist.—Alex. E. Garrow, Ottawa, O.

  Final Examination.—\*Hugh McKercher.

  Primary Examination.—Wm. Arthur Brown, Chesterville, O.

  SUTHERLAND GOLD MEDAL.—John C. Clemesha, Port Hope, O.

- 1890. Holmes' Medallist.—R. E. McKechnie, Nanaimo, B.C.

  Final Examination.—E. J. Bowes, Soudan, Minn.; M. W. Murray, New Decatur, Alabama.

  Primary Examination.—James Henderson, Warkworth, Ont.

  Sutherland Gold Medal.—Thomas Jameson, Rochester,

  N.Y.

  CLEMESHA PRIZE.—A. H. Coleman, Tacoma, Wash.
- 1891. Holmes' Medallist.—W. A. Brown, Chesterville, Ont.

  Final Examination.—W. F. Hamilton, Sackville, N.B.

  Primary Examination.—W. E. Deeks, Williamsburg, Ont.

  Sutherland Gold Medal.—J. A. Henderson, Orangeville,

  Ont.

  CLEMESHA PRIZE.—W. S. Morrow, Halifax, N.S.
- 1892. Holmes' Medallist.—Thomas Jameson, Rochester, N.Y.

  Final Examination.—James Henderson, Warkworth, Ont.

  Primary Examination.—A. Davidson, Burns, Ont.

  Sutherland Gold Medal.—A. Davidson, Burns, Ont.

  CLEMESHA PRIZE.—W. B. H. Massiah, Barbadoes, W.I.
- 1893. Holmes' Medallist.—W. E. Deeks, B.A.; N. Williamsburgh, O. Final Examination.—John Alexander Henderson, Montreal, Q. Primary Examination.—W. J. LeRossignol, B.A., Montreal, Q. Sutherland Gold Medal.—Walter J. LeRossignol, B.A. CLEMESHA PRIZE.—R. B. McKay, B.A., Monotick, Ont.
- 1894. Holmes' Medallist.—Andrew A. Robertson, B.A., Montreal, Q. Final Examination.—Albert G. Nichols, M.A., Montreal, Q. Primary Examination.—W. N. Kendrick.

  Sutherland Medal.—G. D. Robins, B.A., Durham, Q. CLEMESHA PRIZE.—Allan Davidson, Burns, Ont.
- 1895. Holmes' Medallist.—William A. Feader, Iroquois, O.

  Final Examination.—Wm. G. Reilly, Montreal, Q.

  Primary Lxamination.—C. B. Keenan, Ottawa, Ont.

  SUTHERLAND MEDAL.—C. B. Keenan, Ottawa, Ont.

  CLEMESHA PRIZE.—W. W. Wickham, Summerside, P.E.I.
- 1896. Holmes' Medallist.—Geo. Dougall Robins, B.A., Durham, Q.

  Final Examination.—Geo. Reginald Deacon, Stratford, Ont.

  SUTHERLAND MEDAL.—A. L. McMurtry, Bowmanville, Ont.

  CLEMESHA PRIZE.—Robt. Oswald Ross, B.A., Rossville, N.S.

  Necond Year Examination.—W. G. Rose, Lakeville, P.E.I.

  First Year Examination.—A. H. Gordon, St. John, N.B.

1897. Holmes' Medallist.—John G. Dougall, Amherst, N.S.

Final Examination.—A. R. Pennoyer, Gould, Que.

Clemesha Prize.—I. H. Laidley, Lachine, Que.

Third Year Examination.—W. H. Dalpé, B.A., Montreal, Q.

Second Year Examination.—F. J. Nicholson, B.A., Victoria, B.C.

First Year Examination—E. R. Second, Brantford, Ont.

1898. Holmes' Medallist.—W. O. Rose, Lakeville, P.E.I. Final Prizeman.—R. F. Beattie, Economy, N.S. Sutherland Medal.—J. R. O'Brien, Ottawa, Ont. Clemesha Prize.—C. A. Peters, St. John's, Nfid. Third Year Prize.—A. H. Gordon, St. John, N.B. Second Year Prize.—E. R. Secord, Brantford, Ont. First Year Prize.—J. Bruce, B.A., Moncton, N.B.

1899. Holmes' Medallist.—A. H. Gordon, St. John, N.B.

Final Prizeman.—T. G. McNiece, Carsonby, Ont.

SUTHERLAND MEDAL.—J. W. T. Patton, Ponds, N.S.

CLEMESHA PRIZE.—F. J. Nicholson, B.A., Victoria, B.C.

Third Year Prize.—E. R. Secord, Brantford, Ont.

Second Year Prize.—R. H. Ker, B.A., Montreal, Que.

First Year Prize.—R. M. Van Wart, B.A., Fredericton, N.B.

1900. Holmes' Medallist.—E. R. Secord, Brantford, Ont.

Final Prizeman.—J. W. T. Patton, Ponds, N.S.

SUTHERLAND MEDAL.—H. McN. Collison, Dixon's Corners,
Ont.

CLEMESHA PRIZE.—C. K. P. Henry, Ottawa, Ont.

Third Year Prize.—R. H. Ker, B.A., Montreal, Que.

Second Year Prize.—R. M. Van Wart, B.A., Fredericton, N.B.

First Year Prize.—W. E. Nelson, Montreal, Que.

1901. Holmes' Medallist—R. H. Ker, B.A., Montreal, Que.

Final Prizeman.—J. Bruce, B.A., Moncton, N.B.

SUTHERLAND MEDAL.—R. McL. VanWart, B.A., Fredericton,
N.B.

CLEMESHA PRIZE.—L. F. Robertson, B.A., Stratford, Ont. Third Year Prize.—R. McL. VanWart, B.A., Fredericton, N.B. Second Year Prize.—E. M. McLaughlin, Winona, Minn. First Year Prize.—J. A. Nutter, B.A., Montreal, Que.

1902. Holmes' Medallist-R. McL. VanWart, B.A., Fredericton, N.B.

Final Prizeman.—W. A. Gardner, B.A., Huntingdon, Que. SUTHERLAND MEDAL.—E. M. McLaughlin, Winona, Minn., U.S.A.

Third Year Prize.—F. S. Patch, B.A., Montreal, Que. Second Year Prize.—J. A. Nutter, B.A., Montreal, Que. First Year Prize.—F. J. Tees, B.A., Montreal, Que.

## XVIII.

## DIRECTORY OF GRADUATES IN MEDICINE.

Aborn, W. H	Hawley, Min 18	887
		399
T	SI TEUISE. U	384
Addison, odd. 2	St. John, N.B 18	390
*Adsetts, John		866
Akerley, A. W. K	Fredericton, N.B 1	900
Alexander, C. C	St. George, N.B 1	895
Alexander, Robert A	Grimsby, O	871
Alexander, Robert A	Lachute, Que	891
	Cornwall, O 1	\$73
Alguire, Duriour	Tacoma, W.T	872
Allali, Hallitton	Montreal 1	885
Allali, J. II. D.	1	866
*Allard, Emery	Swanton, Vt 1	883
Allen, C. E	Barnesville, N.B 1	895
Allen, J. H., B.A	Charlottetown, P.E.I 1	899
Alley, G. T		869
*Alloway, Thomas Johnson	. Field, B.C 1	902
Ames, C. A	Med. Dept. Indian Army 1	1866
Anderson, Alex	Montreal	1895
Anderson, D. P., B.A	Montreal	1865
*Anderson, John C		1902
Anthony, T. B	Stockett, Montana	1895
Anthony, X. L	TT 3 The Time	1869
Archer, Thos	Wadsworth, Eng	1896
Archibald, E. W. B.A	Montreal	1869
Ardagh, Johnson	Offilia, U	1896
Argue, J. F	Ollawa. O	1886
Armitage, J. H		1900
Armstrong, G. E	170111111111111111111111111111111111111	1877
Armstrong, J. W., B.A	Montreal	
*Arnoldi, Daniel (Hon.)		1848
Arthur, R. H	Sudbuly. C	1885
Atkinson, Robert		1862
Ault, Charles		1855
Ault, C. R	Montreal	1896
*Ault, James F		1855
Ault, Alexander	USHKOSH, WIS	1860
Ault, C. A	Colfax, Washington Terr	1890
Ault, Edwin D	Aultsville. O	1868
Austin, Fred. John	Sherbrooke, Q	1862
Avor N M A	Bay Verte N. B	1880
Avlen E D	Montreal	1893
*Ayrlen John		1857
Arrion Tomos	Avimer. Q	1863
Ayrlan D	Saskatchewan, N.W.I	1886
A-rion W W	St. Andrew's Q	1889
Aylen, W. W		

<sup>\*</sup> Deceased.

Aylmer, A. L 329 Central Ave., Minneapo-	
lis Minn	1899
Backhouse, J. B Braidwood III	1870
Baer, D. C	1888
Bailey, John W., B.A Cumberland, B.C	1895
Baillie, S. A., B.A Troy, N.Y	1902
*Bain, D. S. E	1868
*Bain, Hugh U	1874
Baird, J. A Brucefield, O	1900
Baird, James G Riverside, Calif	1870
Baird, T. A. D Bay City, Mich.	1885
Baker, Albert	1848
Ballantyne, C. T Ottawa East, Q	1900
Banfill, S. A East Angus, Q	1898
*Barclay, George	1870
Barclay, J	1897
Barlow, W. L., B.A Montreal	1898
*Barnston, James (ad eun)	1856
Barrett, Jos. A	1884
Battersby, Charles Port Dover, O	1895
Bayfield, G. E	1861
Bayfield, T. F	1898
Baynes, Geo. Aylmer 357 W. Munroe St., Chicago, Ill.	1901
Baynes, Donald, M.A	1869
Londan, Eng	1876
Bazin, A. T Montreal	
Beadie, W. D Lachine Locks, Q	1894
Bearman, G. P	1898
*Beatty, D	1862
Beatty, E. D Mallard, Iowa	1895
Beattle, R. F.	1898
Beaudette, Alfred	1865
Beaudry, Louis H St. Cesaire, Q	1871
Beckstead, M Lisbon Centre, St. L. Co.,	1011
N.Y	1878
Beers, A. H Montreal	1891
Bélanger, E. R Monastique, Mich.	1901
*Bell, John, M.A	1866
Bell, Robert W Peterboro'. O	1873
Bell, James Montreal	1877
Bell, Robt., C.E Ottawa	1878
Bell, J Westville, N.S	1898
Bell, J. H., B.A Montreal	1888
Belleau, Alfred Quebec	1862
Bender, Prosper Essex Chambers, Boston,	
Mass	1865
Bennie, R Bay Mills, Mich	1891
Benson, Joseph B Chatham, N.B	1875
*Bergeron, Joseph	1870
*Bergin, Darby	1847
*Berry, J. A	1887

<sup>\*</sup>Deceased.

	888
Berwick, G. A Montreal	892
*D	891
Bessey, William E Toronto	863
*Bibaud, Jean G	843
Di	.892
Birkett, H. S Montreal	.886
Bishop, C. W	
Minneapolis, Minn 1	1895
Bishop, T. E	1900
Bissett, C. P St. Peter's, N.S	1890
Blackader, Alex. D., B.A Montreal	1871
Blackader, E. H. P., B.A Montreal	1887
Blackett, J. W., B.A Fort Covington, N.Y	1898
Blackett. J. W., D.A Fort Coving com,	1851
Blake, J. J	1901
*Blanchet, J. B	1863
Blair, H. G. F Ashton, Ont	1902
Blair, Robt. C 1 Ursule St., Quebec	1865
*Bligh, John W	1865
*E110'N .[()[[[] VV	1895
Blunt, H. W Granby, Q	1893
Bogart, Irvine D	1859
Boggs, G. W New Westminster, B.C	1886
*Bomberry, Geo. E	1875
Bonesteel, S. A Columbus, Neb	1881
Bonnell, S Fernie, B.C	1896
Boone, S. W., B.A Presque Isle, Maine	1887
Booth, J. S Montreal	1889
Bostwick, W. E Algonac, Mich	1893
Boucher, R. B Phoenix, B.C	1895
*Bouck, C. W	1895
*Boulter, Geo. H	1852
Bowen, G. A Coaticooke, Q	1892
Bowen, W., B.A Knoxville, Tenn	1887
Bower, Silas J	1865
Bowes, E. J	1890
Bowie, R. A Brockville, O	1891
Bowles, C. T Ottawa, O	1899
*Bownan, William E	1860
Bowser J. C Kingston, N.B	1883
Boyce, B. F Kelowna, B.C	1892
Boyde, Jay Ispinning, Mich.	1887
*Boyer, Louis	1842
*Boylan, Andrew A:	1857
Boyle, Albert D	1877
Bradley, J. H Charlottetown, P.E.I.	1900
*Bradley, William	1869
Bradley, W. I., B.A Ottawa, O	1888
*Braithwaite, Frances H	1863
*Braithwaite, J. M	1896
Braithwaite, J. M	1867
Brandon, John Ancaster, O	- 177

<sup>\*</sup>Deceased.

Brannen, J. P.
Brannen, J. P
Brennan F A
Breslin, William T
*Brigham, Josiah S
Brissette, Henry P
*Bristol, Amos S
*Bristol, Amos S. Lowell, Mass. 187.  Broderick, E. J. St. John, N.B. 1890.
Brodeur, Alphonse
*Brodie, John 1869
*Brooks, Samuel T
Brossard, J R T
*Brouse, William II
*Brouse, Jacob E
Brouse, J. E
Brown, C. H. B.A
*Brown, Chs. O 1898
Brown, C. J. BA
Brown, E. I. 1897
Brown, G. A 1900
Brown, G. A.       Chesterville, O.       1900         Browne, J. G., B.A.       Montreal       1889         Brown, Peter E.       Montreal       1901
Brown, Peter E
Brown, Harry Montreal 1863 Brown, J. L. Plottgrille 0 1873
Brown, J. L
Brown, J. A
Brown, F. W. A. Buckingham, Ill. 1893 Brown, W. A. Oshkosh, Wis. 1892
Brown, W. A
Brown, W. F., B.A. Chesterville, O. 1891 Brown, W. K. Plattsburg, N.Y. 1899
Brown, W. K
Browne, Arthur A. B.A. Melbourne, Q 1897  Browne, Arthur A. B.A. Melbourne, Q 1881
Browne, Arthur A., B.A Melbourne, Q
Browning, W. E
Bruce, J. B.A
Bruce, J., B.A
*Bruneau, Quolphe
*Bruneau, Oliver T. (Hon.)
*Bruneau, Onesime
*Brunette, J. S
David Time Took I took
Bryson, William G
Bucke, Edward H Ill 1867
Bucke, Richard Maurice London, O
Buckle, John M. C. London, O
Buckley, William P Prescott, O
Buffett, C., B.A
Buller, Charles F
Buller, Frank
Burch, B. F Spokane, Wash. Ter 1879  Burgess J. A Spokane, Wash. Ter 1866
Burland, John H

<sup>\*</sup>Deceased.

35tree1 1872
Burland, William 2
Burland, W. II.
Mich. U.S.A 1011
North Bangor, U.S.A 1882
Burland, Benj. W
Burnett, F 1899
Burrell, R. H., B.A
Purris J. S
Purritt C. H
Purritt Horation C 1866
Purrows Philip P
Burrows F. N
*Bumbam Robert Wilkins 1854
*Burns Alfred J
Durwigh Hv. J Tractonei Co
Busby, J
Butter, deorge I andon O
Butler, Billa F
*Buxton, John N
*Buxton, John 2
Byers, J. R
Byers, W. G. M
Wyandotte, Mich 1880
Canalan, James
Calkin, B. H
Montreal 1814
Cameron, James Portland Ore 1811
Cameron, Duncan II
Cameron, John D Montreal 1050
Cameron, J. D
*Comeron Paul 1883
Cameron, Chas. E
Cameron, D. A
Cameron, J. J Kearney, 105 1899
Cameron, J. J
Cameron, L. G
Campbell, A
*Campbell, G. W., M.A. (ad edil)
*Campbell, Donald Peter Montreal
*Campbell, A. W
*Campbell, A. W
Campbell, I. G
*Campbell, Samuel
*Campbell, Samuel
Campbell, John
*Comphell I 1009
*Campbell, J
Campbell, J. A. R., B.A
Campbell, J. M
*Campbell, J. A. E., B.A Westmount, Q 1902 Campbell, J. M

<sup>\*</sup>Deceased.

Campbell, R. P., B.A Westmount, Q	****
Carmichael, D. A Mar. Hosp. Ser., Honolulu	. 1902
Carlyle, D. A	. 1864
Carman, J. B Detroit, Mich	1891
Carmen, Phillip E Detroit, Mich	1879 1879
Carron, F. B	1900
Carron, F. B South Africa, Army Medi-	1300
*Carroll Robert W. W. cal Service	1896
Carron, Hobert W. W.	
Carroll, R. W Grand Boulevard, Chicago	1000
Alberton DET	1883
Carson, J. H Duluth Minn	1881
Carson, Augustus.	1843
	1859
Current, II. II.	1888
Control, W. Lew., D.A. ()11abor	1902
Morrishire O	1899
Casserman, F. C. Kingston O	1901
Cassidy, David M M. S. Co. Asy., Lancaster,	
Eng	1867
Cassidy, George A Goldstone, O	1885
Cassidy, J. F Goderich O	1865
case, w. Hermanus Hamilton O	1879
Casgrain, Hon. Chas. A Windsor O	1851
Castleman, A. L Mercer IItah II CA	1888
*Cattanach, Andrew J	1871
Cattanach, A. M Oscada, Mich	1892
Cattanach, W. C Dalhousie Mills O	1886
Chahat J. J. G. B Fall River, Mass	1861
Chabot, J. L Ottawa	1892
Chapman, H. J Everett, Mass	1896
Challings, W. W., B.A.	1888
Challinor, Francis	1849
Charlton, G. A Montreal	1900
Cherry, William	
Charles Constant 1 1 1	1869
Chesley, George Ashbold	1862
Chevalier, Gustave Bedford, Q	1860
Chevalier, Napoleon E St. Johns, Q	1873
Chipman, C. J. H., B.A.	1868
Chipman, R. J Le Grand, Oregon	1892
Chisholm, Adam Jas Everett, Wash., U.S.A	1900
Chisholm, Alex.	1878
Chicholm Mundoch	1900
Chisholm, Murdoch Bay Roberts, Nfld	1879

<sup>\*</sup>Deceased.

Martintown Ont 1902
- Lachtle With a man of the Lackter of the state of the s
*Christie John H., B.A
TIT DA
Chicago, in.
Christie, Edmund 871 W. 22nd St., Chicago,
111
*Church, Charles H
WOULLESS
1 Clamondo D
. at 1 Callon M
THE TITE OF THE SECOND
Westmount, Q
TT Torri D
Merrickville, U Werrickville, U
T-1- D
1 D. Lan II
ISSACS HAIDOL, IND.
Clarke, F. G. B
Clarke, Ctavius H. E57 Vincennes Ave., Chicago 1870
Clarke, Wallace, B.A Utica, N.Y
*Clarke, Henry J
*Clarke, Henry J
Clarke, J. W
Clark, Richard A St. Thomas, O
at Tricton A St. (Tulliaulic, 4
as to Tohn W
Clemesha, J. C
N. I
Oli- dinin C T. Dawson City, Iukon
tout Take To DA
Warkworth, U
Clauston I B
tor Doniel
Rass River, N.D
Canterpury Station, N.D
Call Alfred Hort Usbuille, Willings
Man
Montreal
Charlottetown, I.D.
Signstead, W
Carana A II
Chainam, N.D
to min Chamles W
Callings II MON . INXONS COINCIS, C
Galligan T
Collison P Norfolk, St. Law. Co., 11.1.
*Colquhoun, George
Conquire

<sup>\*</sup>Deceased.

~ :	
Colvin A B	1896
Barnham O	4000
	1870
Conroy, C. P	1895
Conroy, C. P 408 California Bldg., Denve	r,
Conroy, R. J	1888
Cook C. P. J Colmar, Iowa, U.S.A	1900
Cook, C. R Lalitpur, N.W. Prov. India	1900
Cook, Guy R., B.A Louisville, N.Y	1876
Cook Hermon L Brighton, O	1854
Cooke, Sydney P 202 Elgin St., Ottawa	1869
Cook, Sheldon E. Lincoln Neh	1884
Cooke, Charles H D'Israeli O	
Cooke, W. H D'Israeli O	1866
Cooper, M. A	1876
Copeland, Wm. L 866 W. Munro St., Chicago,	1893
Corbet, G. G	1872
Corbett, G. G	1898
*Corbett, A. M. P	1854
Corbett, F. A. F., B.A Parrsboro, N.S	1896
Corbett, Wm. H Brig. Surg. Army Med. Dep.	. 1854
Corbin, F. G Mendoza, Argentine Repub-	
lic, S. A	1890
Corcoran, J. A waterloo, Q.	1898
Corlis, Josiah Sydney, Australia	1869
Cormack, Wm Guelph. O	
*Corsan, John	1881
Corsan, Douglas Victoria, B.C	1866
Costello, A. E Spooner, Wis., U.S.A	1885
Cotton, C. L	1900
Cotton, C. L	1877
	1882
Covert, A. M Lakeville, N.S	1898
Cowie, A. M St. Diego, Cal	1877
Cowie, W., B.A Lowell Town, Maine	1895
Cowperthwaite, W. M St. John's, Nfld	1900
*Cox, Frank	1869
Cox, J. R	1900
Cox, R. B Collinsville, Conn., II.S. A	1902
Coyle, Henry W Montreal	1876
Craig, J. E	1899
Craig, Thornton	1876
Craig, M. A Lower Lake, Cal	1886
Craig, R. H Montreal	
Craik, Robert, LL.D Montreal	1896
Cram Daniel C Calabaria C	1854
Crang F W Toronto O	1872
Crawford James (ad aun)	1901
Creasor T A D A Grading A.	1854
Creasor, J. A., B.A Spadina Ave., Toronto	1889
Crichton, Stuart	1865
Crocket, W. C., B.A Fredericton, N.B	1886
Crockett, A. P Dalhousie, N.B	1896
Cowley, Thos. McJ	1870
	Strate Strate

<sup>\*</sup>Deceased.

	.880
Trilliam . Diambilusc. W	1876
	902
San Marcial, N. McArco	1895
- Toward D	1848
WODITEST IT	1902
Cumming, W. A Buckingham, Q	1899
*Cunnynghame, W. C. Thurlow	1858
*Curran, T. J. J	1897
Curren L. M	1902
	1902
Currie, W. D	1898
Cushing, H. B., B.A	1873
	1890
	1900
Cuzner, G Rosthern, Sask., N.W.T	
25 minor)	1898
Dalphe, W. H., B.A Montreal	1901
Dalton, C. H Tignish, P.E.I	1863
47 1- Cor D F	1885
The Welton C ()gdenspurg, N.I	1842
*Demonson Charles	1869
*Demograph Chas	1835
Descended Dierre	1899
Three Rivers, &	1898
Deroho T A Sherbrooke, Q	1885
T TI (Franger, Millin	1894
Desiden F A St. Albans, v	1898
Davidgen C Montreal	1884
Davids Thomas B Chelsea, Q	1871
*Devignon F F	
Davis P E Fallowneld, U	1884
Dowson B BA Montreal	1882
*Dox A P A	1892
Down I I M A Montreal "	1895
Dozo Henri Montreal	1885
Strattord, U	1896
Donne P B Maple Creek, N.W.1	1898
*Doordon G A	1883
Delener W I	1882
*Deage Poter Warren	1847
DeDenoid W C	1862
*DeBoucherville, Charles B	. 1843
*Decelles, Charles D	
DeCow, D. McG Montreal	
Deales W E BA Montreal	
Roxton Falls, W	
Delannoy W I Nangatuck, Com	
Delmage, F. W., B.A St. Mary's, O	1887
Deimage, F. W., D.A.	1852
Warkworth U	1000
Demorast B G G Warkworth, U	
Demorest, B. G. G	
Demorast B G G Warkworth, U	. 1863

<sup>\*</sup>Deceased.

Dewar, C. P	
Dewar, C. P Ottawa	1888
Dewar, G. F. South Port, P.E.I.	1893
Dibblee, G. G. Mich	1893
	1880
	1864
	1842
	1846
	1868
	1898
	1863
	1887
Brontford	1863
Distriction of D. A. Montagel	1902
	1902
	1864
Compholiton at D	1885
Donaliue, M	1896
Brockville O	1901
Donnelly, A. J., B.A Cambridge Maga	1900
Donnelly, C. H	1860
Dollon, bevele	1843
Dolloll, W. A Montreal	1902
Dorrand, Enoch P.	1850
Dorland, James 103 State St Chicago Til	1875
Dougan, wm	1867
Douglas, Hon. James	1045
Doull, A. E Dutch Village Helifor M.	1900
Downing, John F Eagansville O	1875
Doyle, J. J Halifax NS	1897
Drake, Joseph M	1851
Drier, N. E Vancouver B.C	1899
Drum, L., B.A Quebec. Q.	1896
Drysdale, W. F Nanaime BC	1894
Dubuc, Charlemagne Montreal	1864
*Ducket, Stephen	1853
Duckett, William A Montreal	1859
Duckett, F. J Montreal	1896
Duffy, P. F Richmond, P.E.I	1900
Duford, Thadee A St. Schastien O	1865
Duffy, P. F Charlottetown PET	1900
Dunamel, Louis Hull. Q.	1860
Dunbar, W. R Belmont, N.S.	1897
*Duncan, George	1866
Duncan, Gedeon M Bathurst NR	1871
Duncan, George C London, Eng.	1875
Duncan, James S Surgeon-Major Army, 279	1910
Vauxhall Rd. London Eng	1858
*Duncan, John	1871
	1884
	1001

<sup>\*</sup>Deceased.

	1000
	1898
Duncan, W. T Fergus Falls, Minn	1882
Duncan, G. H Dawson City	1892
Duncan, J. W Montreal	1901
Dunlop, A. H	1882
Dunn, William Oscar	1843
Dunsmore, John M Stratford, O	1870
Dupuis, Joseph B Clarenceville, Q	1856
Duval, J. L Cor. Fulton & Prospect St.,	
Waltham, Mass	1898
Du Vernet, Edward Digoy, N.S	1893
Dyer, E. O., B.A Sutton, Q	1899
Dyer, E. O., D.A	
Eager, W. H	1900
Eastman, E. B Portsmouth, N.H., U.S.A	1902
Easton, John	1852
Easton, C. L Smith's Falls, O	1887
*Eberie. Harry A	1876
	1885
*Eberts, D. W. von	1897
Eberts, E. M. von	
Edgar, C. J Hatley, Q	1887
Edwards, Eliphalet G Grand Rapids, Mich	1855
Edwards, J. S London, O	1880
Edwards, Oliver C MacLeod, N.W.T	1873
Fran W I Sydney Mines, N.S	1901
Elder, John, B.A Montreal	1885
Elderkin, Edwin J Weymouth Bridge, N.S	1884
Flkintohn A. G	1862
Flight F B Mayfair, O	1896
Ellison S R	1878
Ellis R I Youghall, N.B	1901
Ellis, W. E Prentice, Wis	1887
*Ellis, T. H	1890
Ellis, W. L St. John, N.B	1895
Ellis, G. H Morewood, O	1896
Emery, Gordon J Minneapolis, Minn	1857
England, W. S	1889
*English, T. F	1858
*Erskine, John	1860
Esson, F. G Newark Emergency Hosp., Estey, A. S	1894
Estey, A. S	1867
Evans, Griffith Brynkynallt, Bangor, North	
Evans, D. J Montreal	1887
Evans, E. J Lacrosse, Wis	1004
Evans, J. W Schrieber, O., C.P.R	1894
Evans, Stuart Ottawa	1902
Ewan, R. B Montreal	. 1896
*Ewing, William	. 1873
27-12 13 27	1000
Fagan, G. A., B.A North Adams, Mass	. 1898
Falkner, Alexander Williamstown, O	. 1866

<sup>\*</sup>Deceased.

Follo Company		
Falls, Samuel K	1049 W. Madison St., Chicago	1875
Farewell, G. McGill.	Soult St Maria	1872
Farewell, W. G	League Island, Philadel-	10.2
		1000
Farwell, W. A	phia, Pa	1868
Farley, Jas. T		1891
Farley John T	Fremont, Mich	1877
Farley, John J.		1873
Faulkner, George W	Stirling O	1871
Faulkner, D. W	Forhoro' O	1878
Fawcett, R. F. M.	Jamaica PWT	1899
Feader, W. A	Iroquois, O	
Featherston, H. C	Transites O	1895
Feder, H. C	Hamilton, O	1902
1 0001, 11. 0		
Foilds F G	Ill	1881
Feilde, E. C	Montreal	1886
*Fenwick, Geo. E		1847
Telgusson, Alex. R		1866
*Fergusson, A. A		
Ferguson, Wm A BA	Moncton, N.B	1864
Ferguson, W. D. T	Moncton, N.B	1884
Ferguson W	Cumberland, O	1888
Formular T	948 E. 166th St., New York	1894
Ferguson, J. A		1896
Fillmore, E. W	Advecate Harbor, N.S	1887
Findlay, C	Hamilton O	1896
Finley, F. G	Montreal	1885
*Finlayson, John		1834
Finnie, J. H		1898
Finnie, John T.		
Fish E C BA		1869
*Fisher John	Merrose, Mass	1896
*Fisher, John		1847
FISK, W. M	49 Prince Arthur, Montreal	1896
*Fitzgerald, James		1865
FitzGerald, C. T	Harbor Breton, Nfld	1899
Flagg, J. D	"The Wellesley," Buffalo,	
		1887
Fleming, J. E		1901
Flemming, G. W		
Fletcher, R. W	Petitcodiac, N.B	1893
Till T TIT	Mass	1891
Flinn, J. W	Kingman, Arizona	1895
Folkins, H. G		1902
Forbes, A. M. T		1898
Forster, J. F. C	Dorchester, N.B	1902
Fortier, L. A		1878
*Fortune, Louis M		1873
*Fortin, Pierre		1845
Foss, A. F	G: : : :	
		1896
Foster, G. M		1897
		1897
		1846
Fourney, F. W	Montreal	1900
Fowler, E. S	Hudson, Wis	1894
		Yes

<sup>\*</sup>Deceased,

Fox, A. C. L. (Ret.) Winnipeg, Man	1898
Fox C H	1895
Fraleigh, William S 379 Manning Ave., Toronto	1869
Francis, B Sydney Mines, N.S	1899
Fraser, A. D 6860 Halsted St., Chicago,	
Ill Ill	1896
Fraser, F. C., B.A Montreal	1898
	1881
	1896
	1877
	1836
DIASCI, WILLICAL	1867
	1869
	1868
	1878
	10.0
Fraser, J. M	1887
Chicago	1900
Freeman, C. H., B.A Milton, N.S	1871
Freeman, C. M	
Fritz. H. D., B.A St. John, N.B	1888
Fry F. M., B.A Montreal	1894
Fuller, A. T., B.A Truro, N.S	1901
Fuller. W Grand Rapids, Mich.	1866
Tiller C F LeRoy II N. Main St., Concord,	1000
N.H	1899
Fuller, H. LeRoy, B.A Sweetsburg, Q	1870
Total T TI Montreal	1863
Fulton, J. A	1894
Gadbois, F. A Sherbrooke, Q	1898
TAT C LELIDITUSE, IN. W. I	1899
a trach Bay City, Mich	1882
a 11 dt d T	1895
*Garror Togonh	1852
Smith's Fans, U	1902
San Francisco, Cal	1878
Gardner, John J	1883
Gardner, Matthew	.,
Wells, Fargo & Co. Bldg	.,
San Francisco, Cal	. 1871
	1901
	1867
dardier,	1902
	1887
	1886
	4000
	4001
	4070
	1075
	4000
*Gauvreau, Lewis H	1000
Gemmill, E. W Aimonte, C	1000
Gendron, Thomas St. Raymond, Q	

<sup>\*</sup>Deceased.

Cooper I D	
George, J. D Redwood, N.Y., U.S.A	1901
Gernon, George W.	1872
Gibb, George D	1846
Gibson, John B	1855
Gibson, W. B	1878
Gibson, Edward B	1864
Gibson, J. B	1886
Gibson, R. J Sault Ste Marie	1891
Gilbert, Henry L	1875
Gliday, A. L. C., B.A Montreal	1900
Gilday, F. W Montreal	1897
Gilles, D. W. D Teeswater O	1898
Gillies, John Teeswater O	1867
Gillis, E. G Indian Pivon DET	1899
Gillis, John A. F Summerside PEI	1877
*Gilmour, Angus A	
Girdlestone C W	1868
*Giroux, Philippe Winnipeg, Man	1892
Girdwood, Gilbert P Montreal	1859
	1865
	1898
	1886
Glen, C. W. E	1895
	1858
	1892
	1844
Codin Joseph Eng	1865
Godin, Joseph	1861
Goff, H. N., B.A San Diego, Cal	1893
*Goodhue, P. J	1875
Goforth, Franklin	1863
Goltman, A 612 Lexington Ave., New	
York City, N.Y	1896
Goodall, J. R., B.A Ottawa, O	1901
Gooding, Chs. E St. Philip, Barbadoes, W.I.	1884
Goodwin, W. W	
ton, Mass	1888
Gordon, A. H St. John, N.B	1899
Gordon, C. M Aylwin, O	1881
Gordon, G. S Wellington, B.C	1897
Gordon, Robert Arlington, Ill.	1868
*Gordon, W. W	1863
Gorrell, A. S Ashton, O.	1890
Gorrell, C. W. F Ottawa,	1894
Gourley, T. A Eganville, O	1897
Grace, N Tunbridge Wells, Eng.	1898
*Grafton, E. A	1891
Graham, Charles E Hull. Q	1865
Graham, George A	
	1909
Mo	
Mo	1884
*Grobom Honny	

<sup>\*</sup>Deceased.

	1075
Granam, Kenneur D	1875
Tranani, J	1886
Graham W. C. R Prescott, O	1892
Grant. A. J Emerdale, Haddingtonshire,	
Scotland	1896
Grant, H. A Peterboro, O	1892
	1863
	1896
	1854
	1882
	1867
Grant, J. H. Y Buffalo, N.Y	1886
Grant, J. P New Glasgow, N.S	1895
	1899
4143, 0. = . = .	1000
	1900
	1876
	1879
Gray, Thomas St. Mary's, O	
Gray, James Helana, Mont	1883
Gray, W. L Pembroke, O	1881
Greaves, Henry C Barbadoes, W.I	1877
Greenwood, F. S St. Catharines, O	1878
Green, F. W Cranbrooke, B.C	1898
Green, F. W Pictou, N.S	1902
Greene, E Frelighsburg, Q	1899
Greene, T. J Oxford, Chenango Co., N.Y.	1890
Greer, T. A	1876
*Grenier, L. P. A	1863
Groves, George H Carp, O	1879
Groves, W	1886
Guerin, James J. E Montreal	1878
*Guest, Thomas F	1873
*Gun, James	1861
Gun. A	1895
Gunn, N. D Montreal	1888
Gunter, F. B., B.A	1893
	1897
	1879
Gulu, David I	1885
Gustin, Sinitin	1863
Gustin, Wm. Claud	1009
	1000
Haentschel, C. W Mattawa, O	1888
*Hagarty, D. M. J	1868
Haight, M New Durham, O	1893
Haldimand, A. W Montreal	1888
*Hall, Archibald (ad eun.)	1843
Hall, A. R Washington, O	1900
*Hall, James B	1866
*Hall, J. W	1848
Hall, A. G Ormstown, Q	1887
Hall, W Walkerton, O	1887

<sup>\*</sup>Deceased.

Hall, M. K Rainier, Oregon, U.S.A	1893
Hallett, E. U Weymouth Pridge NG	1885
Hamday, James T Peterboro'	1866
Trainuay, J. Lek. Sawyonville O	1902
riamiday, vernon St. C.	1892
and the state of t	1856
*Hamer, A. L.	
Transition, C	1887
*Hamilton, Andrew W	1894
Hamilton, Charles S Demorestville, O	1859
Hamilton H D BA	1868
Hamilton, H. D., B.A Montreal	1890
Hamilton, John R Port Dover, O	1871
*Hamilton, Rufus F	1861
Laminton, W. F Montreal	1891
Iramitton, R Rright O	1895
manimond, J. H	1869
Hanna, A. E Perth O	1885
Hanna, Franklin Pertn, O	1879
Hanington, J. P Shediac NR	1894
Hannington, E. B. C Victoria RC	1875
Hanover, William Delayon, Wis IISA	1875
Hanvey, C. B. H Tampica. Mexico	1883
Harkin, Henry	1009
pool, Eng	1007
Harding, E. S Montreal	1867
	1897
*Harding, F. W	1868
	1885
*Harlin William	1867
*Harkin, William	1858
Hargrave, I. L Danville ,Q	1895
Harkness, Jno	1862
Harkness, Andrew New Lancaster, O	1869
Harley, R. J. O Cheshire, Eng	1901
Harris, L. C Moneton, N.B	1902
Harris, N. M Montreal	1890
Harrison, David H Montreal	1883
Harrison, H. J Edmonton, Alberta NWT	1891
Harrison, J. D., M.A Prescott. O.	1879
Hart, George C St. Martinville, La	1835
*Hart, F. W	
Hart, F. W., B.A Sackville, N.B	1864
Hart, E. C	1902
Hartin, G	1894
Harvey F C Welfwill N C	1896
Harvey, F. C Wolfville, N.S	1897
Harvey, F. W., B.A Montreal	1898
Harvey, William A Harriston, O	1874
Harvie, J. B Cor. Vave & Broadway,	
Troy, N.Y	1881
Harvie, S. K., B.A Victoria, B.C	1902
Harwood, R. de L Pincher Creek, Alta	1895

<sup>\*</sup>Deceased.

DEI	1900
Hoggord ( H )	1300
Wettie W H Hosp. for Insane, Hallax,	1891
N.S	
Hawkins, A. C Halifax, N.S	1885
Hoyd H E Buffalo, N.Y	1881
Hayden E W Roseneath, U	1897
Haves Tames Simcoa, U	1866
Haves John Richmond, Q	1890
Hayes, J., B.A Nelson, N.B	1891
Hayes, P. J Nelson, N.B	1892
Haythorne, T. J., B.A Glen Avon, Monmouthshire,	
Eng	1886
	1896
	1880
	1873
Henderson, Alex. A	1870
	1874
*Henderson, E. G	1848
Henderson, Feter A. M	1880
Henderson, And	1892
Henderson, James Grafton, O	1893
Henderson, J. A Montreal	1894
Henderson, W Qu, Appelle, N.W.T	1900
Henry, C. K. P Ottawa	1902
Henry, C. M	1853
*Henry, Walter (Hon.)	1856
*Henry, Walter J	1883
Henry, Wm. G Detroit, Mich	
Henwood, Alfred J Brantford, O	1879
Hepworth, W. G Grand Forks, B.C	1894
*Hervey, Jonas J	1866
Hetherington, Harry Hatley, Q	1872
*Hewitt, J	1888 1891
Hewetson, J	
Hewetson, S. W	1893
Hickey, Charles E Morrisburg, O	1866
*Hickey Samuel A., B.A	1874
McIntyre Block, Winnipeg,	1000
Hiebert, G Man	1900
Higgins, C. P Victoria, B.C	1899
*Higginson, H. A	1881
Hill, W. H. P Montreal	1900
Hils. Joseph Woonsocket, R.I	1873
Hingston, Hon. Sir W. H Montreal	1851
Hoare, C. W Walkerville, O	1888
Hockridge, Thos. G 27 Tyroe St., Wilmington	1071
Terrace, London, W.C	1874
Hogan, E. V., B.A Weymouth, N.S	1896
Hogg, D. H London, O	1892
*Hogg, L., B.A	1895
Hogle, J. H Quesnelle, B.C	1895

<sup>\*</sup>Deceased.

TT 11		
Holden, D. B., B.A	Victoria, B.C	1891
Hollingsworth, J. E	Ottawa	1902
*Holmes, Andrew F. (ad eun.)		1843
Holmes, A D	Detroit, Mich	1889
*Holohan, P. A		1894
fiorwell, John	** ** ** ** ** ** ** ** ** ** **	1868
Hope, J. T	Glen Robertson, O	1901
Hopkins, C. W		1902
*Hopkins, F. A		1889
Hopkins, Alfred J		1883
Hopkins, H. J	Pittsburg, Penn	1888
Houston, D. W	44 2nd Street, Troy, N.Y	1881
Houston, J. C	New Glasgow, P.E.I	1898
Howard, A. C. P., B.A	Montreal	1901
*Howard, James		1867
*Howard, Robert		1872
*Howard, R. Palmer		1848
Howard, R. J. B., B.A	London, Eng	1882
*Howden, Robert		1857
Howell, W. B		1896
Howey, W. H	Sudbury, O	1878
Howitt, Wm. H	Toronto	1870
Howland, Francis L		1867
Hubbard, O H	Chelsea, Mass	1888
*Hubert, P. T		1889
Hudson, H. P	Frelighsburg, Q	1898
Hughes, P. H	Leamington, O	1886
Hughson, E. R	Blenheim, O	1896
Hulbert, E. Augustus	558 Henry Street, Brooklyn.	
	N.Y	1860
Hume, G. W. L	Compton, Q	1898
Hume, William L	Leeds, Q	1875
*Hunt, J. J		1881
Hunt, Henry	Toronto	1876
*Hunt, J. H		1869
Hunt, Lewis G., B.A	Sheffield, Eng	1871
Hunter, E. N. McL	Hudson, Mass., U.S.A	1901
*Hurd, Ed. P		1865
Hurdman, Benj. F. W	Brandon, Man	1882
Hurdman, H. H	Dawson City	1897
Hurdman, H. T	Bryson, Q	1885
Hurlburt, George W	Thornbury, Q	1859
Hurlburt, Richard W	Mitchell, O	1873
Hutchinson, John A	Montreal	1878
Hutchison, Jas. A	Montreal	1884
Hyatt, E. A., B.Sc	Dickinson Centre, N.Y	1902
22, 22, 22, 21, 21, 21, 21, 21, 21, 21,	remined Centre, N.1	1902
Imrie, A. W	439 Woodward Ave., Detroit,	
	Mich	1879
Inksetter, D. G	Costa Rica, W.I	
Inksetter, W. E	Costa Rica, W.I.	1880
Irvine, A. D	Westmount, Q	1890
		1896

<sup>\*</sup>Deceased.

Irvine, James C Liverpool, Eng	1866
Irvine, R. T 12 Maple Place, Sing Sing,	
N.Y	1885
Irvine, J. L 244 Erie St., Chicago, Ill	1879
Irwin, W. T Pembroke, O	1889
Irwin, A. F Minneapolis, Minn	1890
Irwin, F Shelbourne, N.S	1902
*Ives, Eli	1863
Jack, Du Vernet Grand Manan, N.B	1892
*Jackson, A. T	1846
Jackson, F. S Westmount, Q	1899
Jackson, G. F Brockville, O	1901
Jackson, Wm. Fred Brockville, O	1873
Jackson, Joseph A Manchester, N.H	1879
Jacques, H. M Upper Dyke, N.S	1894
Jakes, R. W Greenwood, B.C	1893
Jameson, Thos 257 West Ave., Rochester,	
N.Y	1892
*Jamieson, Alex., B.A	1877
*Jamieson, Thomas A	1875
Jamieson, Chas. J Winnipeg, Man	1879
Jamieson, W. H Saranac, N.Y	1899
Jamieson, W. R Sapulpa, Ind. Terr., U.S.A.	1898
Jardine, J Freetown, P.E.I	1900
*Jenkins, W. E	1890
Jento, C. P London, Ont	1890
Johnson, C. H Austin, Minn	1884
Johnson, G. R., B.A Annapolis, N.S	1902
Johnson, H. D Charlottetown, P.E.I	1885
Johnson, J.A., B.A Lachine, Q	1902
Johnson, James B London, Eng	1876
Johnson, J. B Spring Valley, Minn	1883
Johnson, J. W Gananoque, O	1887
Johnson, R. De L., B.A Montreal	1901
Johnson, Thomas G Sarnia, O	1871
Johnston, W 299 Norfolk St., Boston	1897
Johnston, W. G Montreal	1884
Johnston, A Leeds, Q	1901
Johnston, A Montreal	1892
Johnston, F. E. L Delaware, O	1896
Johnston, J. A Emerald Junc., P.E.I	1897
*Johnston, J. C	1867
Johnston, J. L	1901
Jones, D. C 1972 7th Ave., New York,	
N.Y	1899
Jones, F. B Montreal	1899
Jones, Charles R Hatley, Q	1874
Jones, George N Burlington, Iowa	1874
Jones, H. A., B.A Moncton, N.B	1900
Jones, N. C., B.A Gananoque, O	1902

<sup>\*</sup>Deceased.

Jones, J. H	
Jones, J. H. Brockville, O. 1 Jones, Wm. Justus Prescott, O. 1 Jones, H. J. M. Jones, Sydney, B.A. Cleveland, Ohio, U.S.A. 1 Josephs, G. E. Pembroke, O. 1 Josephs, G. E. Pembroke, O. 1 Jost, A. C., B.A. Guysboro, N.S. 1  Kannary, E. LeR., B.A. Northfield, Minn. It Kearney, W. J. Mariposa, California. 1: Kearney, W. J. Mariposa, California. 1: Keating, B. H. Moore, O. 15 Keating, B. H. Moore, O. 15 Keeting, H. L. T. Moore, O. 15 Keefer, Wm. N., B.A. Rtd. Surgeon-Major Bengal Army, Guelph, O. 18 Keeler, Thomas Army, Guelph, O. 18 Keith, H. W. Havelock, N.B. 18 Keith, E. J. Saratoga St., E. Boston, Mass. Kelly, Patrick N. Wabasha, Minn. 18 *Kelly, Patrick N. Wabasha, Minn. 18 *Kelly, Thos. 18 Kelly, J. A. A. 24th & N. St., S. Omaha, Neb. 18 Kelly, J. K. Almonte, O. 18 Kelly, J. K. Almonte, O. 18 Kenp, H. D. Metis, Q. 18 Kemp, H. D. Metis, Q. 18 Kennedy, Richard A. 18 Kennedy, Richard A. 18 Kennedy, J. H. 18 Kennedy, J. H. 18 Kenr, R. H. B.A. Fernie, B.C. 190 Kerr, R. A. Montreal 188 Kerr, R. A. Montreal 188 Kerr, R. A. Montreal 188 Kerry, R. A. Montreal 188 Killery, St. John 198 King, Wm. M. H. St. Sylvestre, Q. 185 King, Reginald, A. D. Compton, Q. 185 King, Reginald, A. D. Compton, Q. 185	mas W. (ad eun.) 1854
Jones, Wm. Justus Prescott, O. 1  *Jones, H. J. M. Prescott, O. 1  Jones, Sydney, B.A. Cleveland, Ohio, U.S.A. 1  Josephs, G. E. Pembroke, O. 1  Jost, A. C., B.A. Guysboro, N.S. 1  Kannary, E. LeR., B.A. Northfield, Minn. 1  Kearney, W. J. Mariposa, California. 1  Kearns, J. F. La Junta, Colo. 15  Keating, B. H. Moore, O. 15  Keeting, B. H. Moore, O. 15  Keeting, H. L. T. Moore, O. 15  Keefer, Wm. N., B.A. Rtd. Surgeon-Major Bengal Army, Guelph, O. 18  Keeler, Thomas Army, Guelph, O. 18  Keith, H. W. Havelock, N.B. 18  Keith, E. J. Saratoga St., E. Boston, Mass. 18  Kelly, Clinton Wayne Louisville, Ky. 18  Kelly, Patrick N. Wabasha, Minn. 18  *Kelly, Thos. 18  Kelly, J. A. A. 24th & N. St., S. Omaha, Neb. 18  Kelly, J. K. Almonte, O. 18  Kelly, J. K. Almonte, O. 18  Kemp, H. G. 39 Avenue Rd., Toronto. 18  Kemph, H. G. 39 Avenue Rd., Toronto. 18  Kennedy, Richard A. 18  Kennedy, Richard A. 18  Kennedy, Richard A. 18  Kennedy, R. A. B. 18  Kerr, R. A. Montreal 18  Kerr, R. A. Montreal 18  Killery, St. John 18  King, Wm. M. H. St. Sylvestre, Q. 185  King, Reginald, A. D. Compton, Q. 185  King, Reginald, A. D. Compton, Q. 185  King, Reginald, A. D. Compton, Q. 185	tiidii U.
*Jones, H. J. M.  Jones, Sydney, B.A.  Josephs, G. E.  Jost, A. C., B.A.  Kannary, E. LeR., B.A.  Kannary, E. LeR., B.A.  Kaerney, W. J.  Kearney, W. J.  Keating, B. H.  Keating, B. H.  Keefer, Wm. N., B.A.  Keefer, Wm. N., B.A.  Keeler, Thomas  Keenan, C. B.  Keith, H. W.  Keith, H. W.  Kelly, Patrick N.  *Kelly, Thos.  *Kelly, J. K.  Kelly, C. I.  Kemp, H. G.  *Kemp, H. G.  *Kendrick, W. N.  *Kennedy, R. A., B.A  *Kennedy, R. A., B.A  *Kennedy, R. A.  Kerr, R. A.  Kennedy, R. A.  Killery, R. A.  Killery, R. A.  Killery, R. A.  Montreal  Kerr, R. A.  Kerr, R. A.  Montreal  Manney, Cleveland, Ohio, U.S.  12  Cleveland, Ohio, U.S.  13  Cleveland, Ohio, U.S.  14  Cleveland, Ohio, U.S.  14  Mariposa, California  15  Mariposa, California  16  Moore, O.  18  Moeting, Ohio, U.S.  18  Kelly, C. I.  West Flamborough, O.  18  Kemp, H. G.  39 Avenue Rd., Toronto  18  Kennedy, R. A., B.A  Ottawa  *Kennedy, R. A., B.A  Ottawa  *Kennedy, R. A., B.A  Ottawa  *Kerr, R. A.  Montreal  18  Kerr, James  Kerr, R. A.  Montreal  18  Kerr, James  Kerr, R. A.  Montreal  18  Kerry, R. A.  Montreal  18  Killery, St. John  Kincaid, R. M.  King, Wm. M. H.  St. Sylvestre, Q.  18  King, Reginald, A.D.  Compton, Q.	
Jones, Sydney, B.A. Cleveland, Ohio, U.S.A. 19 Josephs, G. E. Pembrole, O. 1 Jost, A. C., B.A. Guysboro, N.S. 1  Kannary, E. LeR., B.A. Northfield, Minn. 19 Kearney, W. J. Mariposa, California. 19 Kearns, J. F. La Junta, Colo. 19 Keating, B. H. Moore, O. 19 Keating, H. L. T. Moore, O. 19 Keeter, Wm. N., B.A. Rtd. Surgeon-Major Bengal Army, Guelph, O. 18 Keeler, Thomas Army, Guelph, O. 18 Keeler, Thomas Army, Guelph, O. 18 Keith, H. W. Havelock, N.B. 18 Keir, E. J. Saratoga St., E. Boston, Mass. 18 Keilly, Clinton Wayne Louisville, Ky. 18 Kelly, Patrick N. Wabasha, Minn. 18 *Kelly, Thos. 18 Kelly, J. A. A. 24th & N. St., S. Omaha, Neb. 18 Kelly, J. K. Almonte, O. 18 Kemp, H. D. Metis, Q. 18 Kemp, H. D. Metis, Q. 18 Kendall, A. L. Vancouver, B.C. 19 Kenderle, W. N. Austin, Minn. 18 *Kennedy, Richard A. St. John, N.B. 18 Ker, R. H., B.A. Fernie, B.C. 19 Kerr, R. A. Montreal 18 Kerr, R. A. Montreal 18 Killery, St. John Minn, Minn, Minn, Minn, Millery, R. A. Montreal 18 Kerry, R. A. Montreal 18 Kerry, R. A. Montreal 18 Killery, St. John Minn, Minn, Minn, Minn, Millery, R. A. Montreal 18 Kerry, R. A. Montreal 18 Killery, St. John Minn, Minn, Minn, Minn, Minn, Millery, R. A. Montreal 18 Kerry, R. A. Montreal 18 Killery, St. John Montreal 18 Killery, St. John Mincaid, R. M. Ming, Wm. M. H. St. Sylvestre, Q. 18 King, Wm. M. H. St. Sylvestre, Q. 18 King, Reginald, A.D. Compton, Q. 18 King, Wing, M. H. St. Sylvestre, Q. 18 King, Wing, M. H. St. Sylvestre, Q. 18 King, Wing, M. H. St. Sylvestre, Q. 18 King, Reginald, A.D. Compton, Q. 18 King, Wing, M. H. St. Sylvestre, Q. 18 King, Reginald, A.D. Compton, Q. 18 King, Reginald, A.D. Comp	Draggett O
Josephs, G. E	· W1.
Section   Sect	TO A HOLD TO A HOLD TO A
Kannary, E. LeR., B.A. Northfield, Minn. 18 Kearney, W. J. Mariposa, California. 19 Keating, B. H. Moore, O. 18 Keating, B. H. Moore, O. 18 Keeting, H. L. T. Moore, O. 18 Keefer, Wm. N., B.A. Rtd. Surgeon-Major Bengal Army, Guelph, O. 18 Keenan, C. B. Outawa, O. 18 Keeir, E. J. Saratoga St., E. Boston, Mass. 18 Keily, Clinton Wayne Louisville, Ky. 18 Kelly, Patrick N. Wabasha, Minn. 18 Kelly, Thos. 18 Kelly, J. A. A. 24th & N. St., S. Omaha, Neb. 18 Kelly, J. K. Almonte, O. 18 Kemp, H. D. Metis, Q. 18 Kendrick, W. N. Austin, Minn. 18 Kendall, A. L. Vancouver, B.C. 19 Kennedy, Richard A. Kennedy, R. A., B.A. Ottawa 18 Kennedy, R. A., B.A. Ottawa 18 Kerr, R. A. Montreal 18 Kerry, R. A. Montreal 18 Kerry, R. A. Montreal 18 King, Wm. M. H. St. Sylvestre, Q. 18 King, Reginald, A.D. Compton, Q. 18 King, Reginald, A.D. Compton, Q. 18 King, Reginald, A.D. Compton, Q. 18 King, Wm. M. H. St. Sylvestre, Q. 18 King, Wing, Wm. M. H. St. Sylvestre, Q. 18 King, Wing, Wi	Pamhroles O
Kannary, E. LeR., B.A. Northfield, Minn. 19 Kearney, W. J. Mariposa, California 11 Kearney, W. J. Mariposa, California 11 Kearns, J. F. La Junta, Colo. 18 Keating, B. H. Moore, O. 19 Keeting, H. L. T. Moore, O. 19 Kee, D. N. S. Gladstone, Mich. 18 Keefer, Wm. N., B.A. Rtd. Surgeon-Major Bengal Army, Guelph, O. 18 Keenan, C. B. Outawa, O. 18 Keenan, C. B. Outawa, O. 18 Keith, H. W. Havelock, N.B. 18 Keith, E. J. Saratoga St., E. Boston, Mass. 18 Kelly, Clinton Wayne Louisville, Ky. 18 Kelly, Patrick N. Wabasha, Minn. 18 Kelly, Thos. 18 Kelly, J. A. A. 24th & N. St., S. Omaha, Neb. 18 Kelly, J. K. Almonte, O. 18 Kelly, J. K. Almonte, O. 18 Kemp, H. D. Metis, Q. 18 Kemp, H. G. 39 Avenue Rd., Toronto 18 Kendall, A. L. Vancouver, B.C. 19 Kennedy, Richard A. 18 Kennedy, R. A., B.A. Ottawa 18 Kennedy, R. A., B.A. Ottawa 18 Kennedy, F. L., B.A. St. John, N.B. 18 Kerr, R. A. Montreal 18 Killery, St. John M. St. St. Sylvestre, Q. 18 Killery, St. John M. St. Sylvestre, Q. 18 King, Wm. M. H. St. Sylvestre, Q. 18 King, Wm. M. H. St. Sylvestre, Q. 18 King, Reginald, A.D. Compton, Q. 18 King, Minn, Min	B.A Guysboro, N.S 1897
Rearns, J. F.	
Rearns, J. F.	LeR., B.A Northfield, Minn 1900
Keating	Mariposa, California 1875
Keating, H. L. T.         Moore, O.         15           Kee, D. N.         Moore, O.         15           Kee, D. N.         Gladstone, Mich.         18           Keefer, Wm. N., B.A.         Rtd. Surgeon-Major Bengal         Army, Guelph, O.         18           Keeler, Thomas         Is         Keenan, C. B.         Ottawa, O.         18           Keith, H. W.         Havelock, N.B.         18         18           Keir, E. J.         Saratoga St., E. Boston, Mass.         18         18           Kelly, Clinton Wayne         Louisville, Ky.         18           Kelly, Patrick N.         Wabasha, Minn.         18           *Kelly, Patrick N.         Wabasha, Minn.         18           *Kelly, Thos.         18         18           Kelly, J. A.         24th & N. St., S. Omaha, Neb.         18           Kelly, J. A.         A.         24th & N. St., S. Omaha, Neb.         18           Kelly, J. K.         Almonte, O.         18           Kelly, J. K.         Almonte, O.         18           Kelly, J. K.         Almonte, O.         18           Kemp, H. D.         Metis, Q.         18           Kemp, William         18         18           Kempt, William	To Tunto Colo
Kee, D. N.         Moore, O.         15           Keefer, Wm. N., B.A.         Gladstone, Mich.         18           Keefer, Wm. N., B.A.         Rtd. Surgeon-Major Bengal         Army, Guelph, O.         18           Keenan, C. B.         Ottawa, O.         18           Keith, H. W.         Havelock, N.B.         18           Keit, E. J.         Saratoga St., E. Boston, Mass.         18           Kelly, Clinton Wayne         Louisville, Ky.         18           Kelly, Patrick N.         Wabasha, Minn.         18           *Kelly, Wm.         18         *Kelly, Wm.         18           *Kelly, Thos.         18         18           Kelly, J. A. A.         24th & N. St., S. Omaha, Neb.         18           Kelly, J. K.         Almonte, O.         18           Kemp, H. D.         Metis, Q.         18           Kemp, H. D.         Metis, Q.         18           Kempt, William         18         18           *Kendrick, W. N.         Au	H Moore, O 1900
Reeler, W.M. N., B.A.   Rtd. Surgeon-Major Bengal Army, Guelph, O.   18	· L. I. · · · · · · Moore O
Keeler, Thomas       Army, Guelph, O.       18         Keenan, C. B.       Ottawa, O.       18         Keith, H. W.       Havelock, N.B.       18         Keir, E. J.       Saratoga St., E. Boston, Mass.       18         Kelly, Clinton Wayne       Louisville, Ky.       18         Kelly, Patrick N.       Wabasha, Minn.       18         *Kelly, Wm.       18       18         *Kelly, Thos.       18       18         Kelly, J. A. A.       24th & N. St., S. Omaha, Neb.       18         Kelly, J. K.       Almonte, O.       18         Kelly, C. I.       West Flamborough, O.       18         Kemp, H. D.       Metis, Q.       18         Kemp, H. G.       39 Avenue Rd., Toronto.       18         *Kempt, William       18         *Kendrick, W. N.       Austin, Minn.       18         *Kennedy, Richard A.       18         Kennedy, R. A., B.A.       Ottawa       18         *Kennedy, J. H.       18         Kerr, R. H., B.A.       Fernie, B.C.       19         Kerr, R. A.       Montreal       18         Kerr, R. A.       Montreal       18         Killery, R. A.       Montreal       18	Gladstone Mich
Keeler, Homas       18         Keenan, C. B.       Ottawa, O.       18         Keith, H. W.       Havelock, N.B.       18         Keir, E. J.       Saratoga St., E. Boston, Mass.       18         Kelly, Clinton Wayne       Louisville, Ky.       18         Kelly, Patrick N.       Wabasha, Minn.       18         *Kelly, Wm.       18         *Kelly, Thos.       18         Kelly, J. A. A.       24th & N. St., S. Omaha, Neb.       18         Kelly, J. K.       Almonte, O.       18         Kelly, C. I.       West Flamborough, O.       18         Kemp, H. D.       Metis, Q.       18         Kempt, William       18         *Kendall, A. L.       Vancouver, B.C.       190         Kendrick, W. N.       Austin, Minn.       18         *Kennedy, Richard A.       18       18         Kennedy, F. L., B.A.       St. John, N.B.       18         *Kennedy, F. L., B.A.       St. John, N.B.       18         *Kerr, R. H., B.A.       Fernie, B.C.       190         *Kerr, R. A.       Montreal       18         Kerr, R. A.       Montreal       18         Kerry, R. A.       Montreal       18	I. N., B.A Rtd. Surgeon-Major Bengal
Keith, H. W. Havelock, N.B. 18 Keir, E. J. Saratoga St., E. Boston,  Mass. 18 Kelly, Clinton Wayne Louisville, Ky. 18 Kelly, Patrick N. Wabasha, Minn. 18 *Kelly, Thos. 18 Kelly, Thos. 18 Kelly, J. A. A. 24th & N. St., S. Omaha, Neb. 18 Kelly, J. K. Almonte, O. 18 Kelly, C. I. West Flamborough, O. 18 Kemp, H. D. Metis, Q. 18 Kemp, H. G. 39 Avenue Rd., Toronto. 18 *Kempt, William 18 Kendall, A. L. Vancouver, B.C. 19 Kendrick, W. N. Austin, Minn. 18 *Kennedy, Richard A. 18 Kennedy, J. H. 18 Kennedy, J. H. 18 Kennedy, J. H. 18 Kenney, F. L., B.A. St. John, N.B. 18 Ker, R. H., B.A. Fernie, B.C. 19 Kerr, James 18 Kerr, R. A. Montreal 18 Kerry, R. A. Montreal 18 Killery, R. A. Montreal 18 Kille	Army, Guelph, O 1869
Keith, H. W. Havelock, N.B. 18 Keir, E. J. Saratoga St., E. Boston,  Mass. 18 Kelly, Clinton Wayne Louisville, Ky. 18 Kelly, Patrick N. Wabasha, Minn. 18 *Kelly, Thos. 18 Kelly, Thos. 18 Kelly, J. A. A. 24th & N. St., S. Omaha, Neb. 18 Kelly, J. K. Almonte, O. 18 Kelly, C. I. West Flamborough, O. 18 Kemp, H. D. Metis, Q. 18 Kemp, H. G. 39 Avenue Rd., Toronto. 18 *Kempt, William 18 Kendall, A. L. Vancouver, B.C. 19 Kendrick, W. N. Austin, Minn. 18 *Kennedy, Richard A. 18 Kennedy, J. H. 18 Kennedy, J. H. 18 Kennedy, J. H. 18 Kenney, F. L., B.A. St. John, N.B. 18 Ker, R. H., B.A. Fernie, B.C. 19 Kerr, James 18 Kerr, R. A. Montreal 18 Kerry, R. A. Montreal 18 Killery, R. A. Montreal 18 Kille	mas
Saratoga St., E. Boston, Mass	D
Mass. 18 Kelly, Clinton Wayne Louisville, Ky. 18 Kelly, Patrick N. Wabasha, Minn. 18 *Kelly, Wm. 18 Kelly, Thos. 18 Kelly, J. A. A. 24th & N. St., S. Omaha, Neb. 18 Kelly, J. K. Almonte, O. 18 Kelly, C. I. West Flamborough, O. 18 Kemp, H. D. Metis, Q. 18 Kemp, H. G. 39 Avenue Rd., Toronto 18 *Kempt, William 18 Kendall, A. L. Vancouver, B.C. 190 Kendrick, W. N. Austin, Minn. 18 *Kennedy, Richard A. 18 Kennedy, R. A., B.A. Ottawa 18 *Kennedy, J. H. 18 Kenney, F. L., B.A. St. John, N.B. 18 Ker, R. H., B.A. Fernie, B.C. 190 Kerr, N. 295 La Salle Ave., Chicago, Ill. 18 Kerry, R. A. Montreal 18 Kerry, R. A. Montreal 18 Kerry, R. A. Montreal 18 Killery, St. John 186 Killery, St. John 186 Killery, St. John 186 King, Wm. M. H. St. Sylvestre, Q. 186 King, Reginald, A.D. Compton, Q. 186	V
Kelly, Clinton Wayne Kelly, Patrick N. Wabasha, Minn. 18 *Kelly, Wm. 18 *Kelly, Thos. 18 Kelly, J. A. A. 24th & N. St., S. Omaha, Neb. 18 Kelly, J. K. Almonte, O. 18 Kelly, C. I. West Flamborough, O. 18 Kemp, H. D. Metis, Q. 18 Kemp, H. G. 39 Avenue Rd., Toronto. 18 *Kempt, William 18 *Kendall, A. L. Vancouver, B.C. 190 Kendrick, W. N. Austin, Minn. 18 *Kennedy, Richard A. 18 Kennedy, J. H. 18 Kennedy, J. H. 18 Kennedy, J. H. 18 Kenney, F. L., B.A. Ottawa 18 Ker, R. H., B.A. Fernie, B.C. 190 Kerr, N. 295 La Salle Ave., Chicago, Ill. 18 Kerry, R. A. Montreal 18 Kerry, R. A. Montreal 18 Killery, R. A. Montreal	································Saratoga St., E. Boston,
Kelly, Patrick N.       Wabasha, Minn.       18         *Kelly, Wm.       18         *Kelly, Thos.       18         Kelly, J. A. A.       24th & N. St., S. Omaha, Neb.       18         Kelly, J. K.       Almonte, O.       18         Kelly, C. I.       West Flamborough, O.       18         Kemp, H. D.       Metis, Q.       18         Kemp, H. G.       39 Avenue Rd., Toronto.       18         *Kempt, William       18         Kendall, A. L.       Vancouver, B.C.       190         Kennedy, Richard A.       180         *Kennedy, Richard A.       180         *Kennedy, J. H.       180         Kennedy, J. H.       180         Kenney, F. L., B.A.       St. John, N.B.       18         Ker, R. H., B.A.       Fernie, B.C.       190         *Kerr, James       18       18         Kerr, R. A.       Montreal       18         Kerry, R. A.       Montreal       18         Killery, St. John       186         Killery, St. John       186         Killery, Wm. M. H.       St. Sylvestre, Q.       185         King, Wm. M. H.       St. Sylvestre, Q.       186	Mass
*Kelly, Wm	oh wayne Louisville, Ky 1867
Kelly, J. A. A	CR N Wabasha, Minn 1884
Kelly, J. A. A	
Neb.	1873
Kelly, J. K. Almonte, O. 18 Kelly, C. I. West Flamborough, O. 18 Kemp, H. D. Metis, Q. 18 Kemp, H. G. 39 Avenue Rd., Toronto. 18 *Kempt, William 18 Kendall, A. L. Vancouver, B.C. 190 Kendrick, W. N. Austin, Minn. 18 *Kennedy, Richard A. 18 Kennedy, J. H. 18 Kennedy, J. H. 18 Kenney, F. L., B.A. St. John, N.B. 18 Ker, R. H., B.A. Fernie, B.C. 190 Kerr, N. 295 La Salle Ave., Chicago, Ill. 18 Kerry, R. A. Montreal 18 Kerry, R. A. Montreal 18 Killery, R. A. Montreal 18 Killery, R. A. Montreal 18 Killery, St. John 186 Killery, St. John 186 King, Wm. M. H. St. Sylvestre, Q. 185 King, Reginald, A.D. Compton, Q. 186	
Kelly, C. I.       West Flamborough, O.       18         Kemp, H. D.       Metis, Q.       18         Kemp, H. G.       .39 Avenue Rd., Toronto.       18         *Kempt, William       .18         Kendall, A. L.       Vancouver, B.C.       19         Kendrick, W. N.       Austin, Minn.       18         *Kennedy, Richard A.       18         Kennedy, R. A., B.A.       Ottawa       18         *Kennedy, J. H.       18         Kenney, F. L., B.A.       St. John, N.B.       18         Ker, R. H., B.A.       Fernie, B.C.       190         Kerr, N.       295 La Salle Ave., Chicago,       III.       18         *Kerr, James       18       18         Kerr, R. A.       Montreal       18         Kerry, R. A.       Montreal       18         Killery, R. A.       Montreal       18         Killery, St. John       186         Killery, Wm. M. H.       St. Sylvestre, Q.       185         King, Wm. M. H.       St. Sylvestre, Q.       186         King, Reginald, A.D.       Compton, Q.       186	Neb 1887
Kemp, H. D.       Metis, Q.       18         Kemp, H. G.       39 Avenue Rd., Toronto.       18         *Kempt, William       18         Kendall, A. L.       Vancouver, B.C.       190         Kendrick, W. N.       Austin, Minn.       18         *Kennedy, Richard A.       18         Kennedy, R. A., B.A.       Ottawa       18         *Kennedy, J. H.       18         Kenney, F. L., B.A.       St. John, N.B.       18         Ker, R. H., B.A.       Fernie, B.C.       19         Kerr, N.       295 La Salle Ave., Chicago, III.       18         *Kerr, James       18       18         Kerr, R. A.       Montreal       18         Kerry, R. A.       Montreal       18         Killery, R. A.       Montreal       18         Killery, St. John       186         Kincaid, R. M.       18         King, Wm. M. H.       St. Sylvestre, Q.       185         King, Reginald, A.D.       Compton, Q.       186	1896
Kemp, H. G.       39 Avenue Rd., Toronto.       18         *Kempt, William       18         Kendall, A. L.       Vancouver, B.C.       190         Kenndrick, W. N.       Austin, Minn.       18         *Kennedy, Richard A.       18         Kennedy, R. A., B.A.       Ottawa       18         *Kennedy, J. H.       18         Kenney, F. L., B.A.       St. John, N.B.       18         Ker, R. H., B.A.       Fernie, B.C.       190         Kerr, N.       295 La Salle Ave., Chicago, Ill.       18         *Kerr, James       18       18         Kerr, R. A.       Montreal       18         Kerry, R. A.       Montreal       18         Killery, R. A.       Montreal       18         Killery, St. John       186       18         Kincaid, R. M.       18       18         King, Wm. M. H.       St. Sylvestre, Q.       18         King, Reginald, A.D.       Compton, Q.       18	West Flamborough, O 1891
*Kempt, William  Kendall, A. L. Vancouver, B.C. 196 Kendrick, W. N. Austin, Minn. 18  *Kennedy, Richard A. 186 Kennedy, R. A., B.A. Ottawa 186 Kennedy, J. H. 188 Kenney, F. L., B.A. St. John, N.B. 188 Ker, R. H., B.A. Fernie, B.C. 196 Kerr, N. 295 La Salle Ave., Chicago, Ill. 188 Kerr, R. A. Montreal 188 Kerry, R. A. Montreal 188 Killery, R. A. Montreal 189 Killery, R. A. Montreal 189 Killery, St. John 186 King, Wm. M. H. St. Sylvestre, Q. 185 King, Reginald, A.D. Compton, Q. 186	20 Average Del T
Kendall, A. L.       Vancouver, B.C.       190         Kendrick, W. N.       Austin, Minn.       181         *Kennedy, Richard A.       180         Kennedy, R. A., B.A.       Ottawa       181         *Kenney, J. H.       188         Kenney, F. L., B.A.       St. John, N.B.       188         Ker, R. H., B.A.       Fernie, B.C.       190         *Kerr, N.       295 La Salle Ave., Chicago, Ill.       185         *Kerr, James       185       185         *Kerr, R. A.       Montreal       185         Kerry, R. A.       Montreal       185         Killery, R. A.       Montreal       186         Killery, St. John       186         Kincaid, R. M.       186         King, Wm. M. H.       St. Sylvestre, Q.       185         King, Reginald, A.D.       Compton, Q.       186	jam
Kendrick, W. N.       Austin, Minn.       18         *Kennedy, Richard A.       18         Kennedy, R. A., B.A.       Ottawa       18         *Kennedy, J. H.       18         Kenney, F. L., B.A.       St. John, N.B.       18         Ker, R. H., B.A.       Fernie, B.C.       190         Kerr, N.       295 La Salle Ave., Chicago, Ill.       18         *Kerr, James       18       18         Kerr, R. A.       Montreal       18         Kerry, R. A.       Montreal       18         Killery, R. A.       Montreal       18         Killery, St. John       186         Kincaid, R. M.       18         King, Wm. M. H.       St. Sylvestre, Q.       185         King, Reginald, A.D.       Compton, Q.       186	Vonceyver D.C
*Kennedy, Richard A	N Austin Winn
Kennedy, R. A., B.A.       Ottawa       188         *Kennedy, J. H.       188         Kenney, F. L., B.A.       St. John, N.B.       188         Ker, R. H., B.A.       Fernie, B.C.       190         Kerr, N.       295 La Salle Ave., Chicago,       III.       18         *Kerr, James       185       185         Kerr, R. A.       Montreal       189         Kerry, R. A.       Montreal       189         Killery, R. A.       Montreal       189         Killery, St. John       186       186         Kincaid, R. M.       188       189         King, Wm. M. H.       St. Sylvestre, Q.       186         King, Reginald, A.D.       Compton, Q.       186	chard A
Kennedy, J. H.       188         Kenney, F. L., B.A.       St. John, N.B.       188         Ker, R. H., B.A.       Fernie, B.C.       190         Kerr, N.       295 La Salle Ave., Chicago, Ill.       188         **Kerr, James       185         Kerr, R. A.       Montreal       189         Kerry, R. A.       Montreal       189         Killery, R. A.       Montreal       186         Killery, St. John       186       186         Kincaid, R. M.       188       189         King, Wm. M. H.       St. Sylvestre, Q.       185         King, Reginald, A.D.       Compton, Q.       186	A B A Ottows
Kenney, F. L., B.A.       St. John, N.B.       186         Ker, R. H., B.A.       Fernie, B.C.       190         Kerr, N.       295 La Salle Ave., Chicago, Ill.       188         Ekerr, James       188       188         Kerr, R. A.       Montreal       189         Kerry, R. A.       Montreal       189         Killery, R. A.       Montreal       186         Killery, St. John       186         Kincaid, R. M.       188         King, Wm. M. H.       St. Sylvestre, Q.       185         King, Reginald, A.D.       Compton, Q.       186	H. 1000
Ker, R. H., B.A.       Fernie, B.C.       190         Kerr, N.       295 La Salle Ave., Chicago, Ill.       18         *Kerr, James	L. B.A
Kerr, N.	B.A
III.	
Kerr, James       185         Kerr, R. A.       Montreal       185         Kerry, R. A.       Montreal       189         Killery, R. A.       Montreal       189         Killery, St. John       186         Kincaid, R. M.       188         King, Wm. M. H.       St. Sylvestre, Q.       185         King, Reginald, A.D.       Compton, Q.       186	TII 1990
Kerr, R. A.       Montreal       189         Kerry, R. A.       Montreal       189         Killery, R. A.       Montreal       189         Killery, St. John       186       186         Kincaid, R. M.       188       188         King, Wm. M. H.       St. Sylvestre, Q.       185         King, Reginald, A.D.       Compton, Q.       186	1959
Kerry, R. A.       Montreal       189         Killery, R. A.       Montreal       189         Killery, St. John       186         Kincaid, R. M.       188         King, Wm. M. H.       St. Sylvestre, Q.       185         King, Reginald, A.D.       Compton, Q.       186	
Killery, R. A.       Montreal       189         Killery, St. John       186         Kincaid, R. M.       188         King, Wm. M. H.       St. Sylvestre, Q.       185         King, Reginald, A.D.       Compton, Q.       186	Montreal 1895
Killery, St. John       186         Kincaid, R. M.       188         King, Wm. M. H.       St. Sylvestre, Q.       185         King, Reginald, A.D.       Compton, Q.       186	
Kincaid, R. M.       188         King, Wm. M. H.       St. Sylvestre, Q.       185         King, Reginald, A.D.       Compton, Q.       186	ohn
King, Wm. M. H St. Sylvestre, Q	M
King, Reginald, A.D Compton, Q 186	M. H St. Sylvestre. Q 1859
Tri	ald, A.D Compton, Q 1868
King, Richard 186	d
	Detroit, Mich

<sup>\*</sup>Deceased.

Cranbrook P.C	1895
	1894
Kinghorn, H. McL., D.A Darance	1897
	1001
Kinloch, J. A	1886
Cincugo, 2-11	
*Kirkpatrick, R. C., D.A	1886
Kirkpatrick, E. A	1888
*Kirkhaffick. A	1856
*Kittson, John G	1869
Wittson Edmund G Windsor, N.S	1873
Klock Robert H Shawville, Q	1882
Klock W H	1885
Knapp H. T., B.A Sackville, N.B	1895
*Knowles James A	1866
*Kollmyer, Alex. H	1856
Laberge, Ed St. Philomene, Q	1856
Lafferty, A. M Clear Lake, Ohio	1887
Lafleur, H. A., B.A Montreal	1887
Laidley, I. H Lachine, Q	1897
Leing A T Montreal	1897
Lamb J. A Sand Coulee, Mont., U.S.A.	1898
Lambert, E. M East Orange, N.J	1891
Lambly, W. O Knowlton, Q	1894
Lambly, W. D Inverness, Q	1896
Landor, Thomas H Canton, Ohio.	1884
Lane, John A Mallorytown, O	1877
Lang, A. A. J Sanbourn, N.D., U.S.A	1898
Lang, C. L Mallorytown, O	1876
Lang, W. A	1881
*Lang, Thomas D	1866
Lang, W. M Marysville, Mich	1888
Lang, F. W Marine City, Mich	1892
Langley, A. F	1892
*Langlois, O. X	1875
*Langrell, Richard T	1875
*Larocque, A. B	1847
Lathern, J. S	1883
Lauder, S. E	
land, Ohio	1896
Laurin, Edgar J Butte City, Mon., U.S.A	1881
	1895
	1863
	1899
	1877
Lawford, John B 88 Harley St., Cavendish Sq., London, W	1879
	1901
Lawrence, J. W	1901
Learmouth, G. E., B.A Westmount, Q	

<sup>\*</sup>Deceased.

Leavitt Julius	
Leavitt, Julius Melbourne, Q	1866
Lecler, George Montreal	1851
*Leclair, Napoleon	1861
*Lee, James C	1856
*Lee, John Rolph	1848
Lee, F. J Port Hope, O	1896
Lefebvre, John M Vancouver, B.C	1879
*Legault, D	1866
Legget, T. H Ottawa, O	1901
Lemoine, C St. Pierre, Isle d'Orleans	1850
Leney, J. M., B.A Montreal	1902
Lennon, H., B.A Montreal	1897
Lepailleur, Leonard	1848
Lepronon, John L	1843
Leslie, A. C Perley, Norman Co. Minn	1890
Leslie, P. C Montreal	1896
Le Touzel, J. R Hamilton, Bermuda	1897
Levi, Ruben	1876
Levy, A., B.A Montreal	1899
Lewin, A. A St. John, N.B	1890
Lewis, J. F	1894
Liddell, G. L	1890
Lidstone, A. E Aylmer, Q	1902
*Lindsay, Heriot	1361
Lindsay, W Montpelier, Vt., U.S.A	1893
Lineham, D. M Dauphin, Man	
Lister, James Brown City, Mich	1899
Little, H. M., B.A London, O	1862
*Lloyd, H. W	1901
Lockhart, F. A. L Montreal	1879
Lockary, J. L St. Stephen, N.B	1900
*Locka C F A	1897
*Locke, C. F. A	1872
Loeb, A. A	
phia, U.S.A	1899
*Logan, David D	1842
Logan, Robert Iona, Mich	1880
Logie, A. E Chatham, N.B	1899
*Logie, Wm	1833
Lomas, A. J Montreal	1902
*Long, Alexander	1844
Long, C. B Whitehall, N.Y	1898
Long, C. H Esconoba, Michigan	1888
Longley, Edmund	1866
Longpre, Pierre F Quebec	1848
Loring, J. Brown	1883
*Loupret, Andre	1850
Loux, William Ottawa	1870
	1887
Love, A New Glasgow, N.S	1891
	1899
	1855
	1891

<sup>\*</sup>Deceased.

Lovett, William	ANT 0 1870	
Low, D	Pegina NWT 1889	
Low, D	. 100gma, 10.00 1869	
*Lucas, T. D'Arcy	Campbelltown N.B 1881	
Lunam, H., B.A.		
*Lundy, E. L		
Lunney, T. H	Minneapolis Minn	
Lyford, Chas. C	Minneapolis, Milli 1896	
*Lynch, D. P	Sherbrooke Q	
Tymoh W W	Sherbrooke, Q	
Twon Arthur	Shawville, Q 1801	
Lyster, H. F	Hull, Q 1897	
Maas, Rudolph J	Hamock, Mich 1880	
MacCarthy, F. H	Mt. Sinai Hospitai, New	
	YOFK. N. I	
MacCarthy, G. S	Ottawa	
Mocortney F W	Gaspe Basin, Q	
Macaulant T F	St. John. N.B 1000	
Mocoulay I I T	River Dennis, N.S	
Mossylow H B	. Hong Kong	
MacCallum E C	Londesborough, O 1897	
MacDonald, Angus	St. Paul, Minn 1863	
Mandanald A A BA	St. Andrews, P.E.I 1902	
*Mandonald Colin	1853	
Macdonald R. T. E	Sutton, Q	
T A blomobook	Kalispell, Mont	
T T 51	Whycocomagh, C.B 1001	
Macdonald J. S	163 Dorchester St., S. Bos-	
	ton. Mass	
Mandanald M S	Marbleton, Q 1890	
*MacDonald, Roderick		
Macdonald, Roderick Aeneas	Stoney Mountain, Man 1874	
*MacDonnell, R. L., B.A		
MacFarlane, Wm	1869	
Macfie, James	Fort Meade, Florida 1869	9
MacIntosh, Robert	Rapid City, N.W.T 1863	
Mack, Francis Lewis	Amherstburg, O 1866	
Mackay, D. S	Reserve Mines, N.S 1901	
Mackay, M., B.A	Montreal 1901	
*Mackie, J. R		
MacKinnon, G. E. L	Alexandria, Ont 1902	
*Macklem, Samuel S		
Mackenzie, C. A	Toronto 189:	
Tr1-omnio TZ A T	Portlang, Oregon	
Mackenzie, S. D	Sarnia, O	
Madanon A II PA	Huntingdon, Q	
Macloon Archibald	Sarnia, O 185	
Maclean J N	Minden City, Mich	
MacLeav A. A. B.A	Danville, Q	
MacMartin, D. R	Chicago, Ill	
*Macnabh Francis A. L		
MacNaughton, J. A	Salisbury, N.B 190	4

<sup>\*</sup>Deceased.

MacNeill, Alex Summerside, P.E.I.	1883
Machell, J. W. L Kensington PET	1901
Macpherson, C St. John's Nfld	1901
Macpherson, D Montreal	1896
MacTaggart, D. D., B.A., Montreal	1896
McAllister, D. H., B.A Belle Isle, N.B	1898
McArthur, Robert D 414 Dearborn Ave., Chicago,	
Ill	1867
McArthur, John A Winnipeg, Man	1879
McArthur, J Winnipeg, Man	1885
McArthur, A. D Littleton, Colo	1893
McArthur, A. W Williamstown O.	1896
McAuley, A. G Royal Victoria Hospital,	
Montreal	1900
McBain, John Montreal	1874
McCabe, J. A., B.A Windsor Mills O.	1898
McCallum, Duncan C Montreal	1850
McCann, A. E. A	
Mass	1892
*McCann, J. J., B.A	1878
McCarthy, W	1867
McCarthy, J. G Montreal	1888
McClure, W., B.A China	1884
McCollum, E. P Ellsworth, Kan	1886
McCombe, J	1899
*McConkey, T. C	1872
McConnell, John B Montreal	1873
McConnell, R. E., B.A Montreal	1900
*McCord, John D	1864
McCorkill, K. K. C East Farnham, Q	1882
McCormack, N	1885
*McCormick, Andrew G	1874
McCrea, J	1894
McCrimmon, Donald A Lucknow, O	1869
McCrimmon, John	1878
McCrimmon, Milton Palermo, O	1878
McCrimmon, A. A St. Thomas, O 1	1891
McCullough Goorge 1	1886
	1879
Madeller O T 35 1	843
	879
	866
	889
	875
	867
	873
	847
	900
	882
MoDon-13 O A	883
	901
N.W.T I	101

<sup>\*</sup>Deceased.

McDonald, H. J	.Butte City, Mont	1885
McDonald H K	. Pictou, N.S	1896
McDonald, John A	. Montreal	1880
*McDonald, Jos. D. A		1873
McDonald, R. C	.Fremont, Neb	1880
McDonald, A	Wanklook Hill O	1889
McDonald, H. N	100 Control Ave Minneano-	1000
McDonald, H. N	.102 Central Ave., Minneapo-	1889
	lis, Minn	1889
McDonald, G	.Calgary, Alberta, N.W.T	1889
McDonald, P. A	. Alexandria, O	
McDonald, A. L	. Alexandria, -O	1887
McDonald, D. D	. Alexandria, O	1887
McDonald, W. F	. Westville, N.S	1900
*McDonell, Aeneas		1849
McDonell, A. E. J., B.A	Winnipeg, Man	1888
McDonnell, Alex. R	Orillia, O	1874
McDonnell, Angus C	Montreal	1852
	Kippen, O	1900
McDougall, Peter A	Ottawa	1864
*McDougall, Peter A		1847
McDougall, D. S	Russell, O	1888
McDougall, G. P	O'Leary PEI	1897
McDougall, J. G	Amherst NS	1897
		1880
	Ottawa	1897
		1896
McEwen, D	St. Elmo, O	1870
*McEwen, Findlay		1889
*McEwen, H		1890
McEown, F	Winnipeg, Man	
McFarlane, M. A	Carleton Place, O	1888
*McGannon, E. A		1881
McGannon, A. V	Brockville, O	1896
McGannon, M. C	Nashville, Tenn	1885
McGannon, T. G	Lowell, Mass	1886
McGarry James	Niagara Falls, South, O	1858
McGeachy, William	Iona, O	1867
McGibbon D	Arkona, O	1902
McGibbon, S	Arkona, O	1902
*McGill. William		1848
*McGillivray, Donald		1861
McGowan, Henry W	Knowlton, Q	1867
McGrath, Thomas		1849
McGrath, R. H	Dorchester, N.B	1902
*McGregor, Duncan	Dorenester, with it is	1861
McGuigan. W. J	Vancouver BC	
*McGuire, Bernard D	tancourer, brent is	1873
McGuire, J. C	Trenton O	
McGuire, J. C	Ordenshurg NV	1876
McIlmoyl, Henry A	Oguensburg, N.I	1884
McInerney, James P	St. John. N.B	1865
McInnes, Walter, J	vittoria, O	1859
*McIntosh, James		
McIntosh, L. Y	Apple Hill, O	1004

<sup>\*</sup>Deceased.

McIntosh, Donald J	Vankleek Hill, O	1870
McIntosh, D. H	Carleton Place, O	1889
McIntyre, J. D	Montague, P.E.I	1899
McIntyre, Peter A	Charlottetown, P.E.I	1867
McKelcan, George Lloyd	Hamilton, O	1860
McKenzie, S. R	Montreal	1893
McKenzie, J. T	Rossland, B.C	1884
McKenzie, J. B., B.A		1902
McKenzie, R. T		1892
McKenzie, B. E., B.A	14 Bloor St. W., Toronto	1880
McKenzie, L. F		1894
McKay, H. H		1890
McKay, John		1869
McKay, J. G		1899
McKay, Walter		1854
*McKay, J. M		1886
McKay, D. T		1892
McKay, R. B., B.A		1893
McKee, S. H., B.A		1900
McKenty, J. E		1892
*McKercher, H		1889
McKechnie, R. E		1890
McKechnie, W. C		1899
McKee, G. L		1890
McKee, W. E		1902
McKinley, John K		1878
McKinnon, A. I		1892
McKinnon, F. W		1897
McKinnon, H		1887
McKinnon, G. W		1888
McKinnin, T. H		1899
McKinnon, N		1895
*McLaren, Peter		1869
McLaren, Peter		1861
McLaren, Peter		1872
*McLaren, J. T		1894
McLaren, D. C., B.A		1880
McLaren, R. W		1898
McLaughlan, J. A	Medical Block, Minneapolis,	
	Minn	1894
*McLean, Alexander		1860
McLean, C. M		1894
McLean, J. R., B.A	Sault Ste. Marie, Ont	1898
McLean, J. W	N. Sydney, C.B., N.S	1883
McLean, Thos. N	Fergus Falls,. Minn	1882
McLean, I. M., B.A		1884
McLellan, A. A		1889
McLellan, A. A		1897
*McLellan, A. C		1890
McLennan, D. A		1897
McLellan, Jas. H	Summerside, P.E.I	1884

<sup>\*</sup>Deceased.

McLennan, D Martintown, O	1888
McLennan, K Alexandria, O	1893
McLennan, P. A Vancouver, B.C	1898
*McLeod, Arch., B.A	1883
McLeod, James Charlottetown, P.E.I	1873
McLeod, J Wallace, N.S	1898
McManus, H. D Bath, N.B	1890
McMartin, D. R	1888
McMeekin, J. W Saginaw, Mich	1885
McMicking, George Toronto	1851
*McMillan, Aeneas J	1874
McMillan, Louis J. A Mansonville, Q	1860
McMillan, John Pictou, N.S	1857
McMillan, G. A Sydney, Australia	1890
*McMillan, J. H	1891
McMillan, W	
Mass	1893
McMorrine, R. F Richmond, Q	1893
McMurray, Samuel	1841
McMurtry, A. L	1898
McNally, D. A Abram's Village, P.E.I	1899
McNally, G. J Bath, N.B	1895
McNally, H. H Fredericton, N.B	1892
McNally, W. P	
U.S.A	1897
*McNaughton, E. P	1834
McNaughton, F. M. A., B.A Shawville, Que	1899
*McNeece, James	1869
*McNeil, Ernest N	1878
McNeill, J. F Kensington, P.E.I	1902
McNiece, T. G	1899
*McNulty, T. G	1880
Macphail, J. A., B.A Montreal	1891
McQuillen, James	1874
*McRae, George	1876
McRae, J. D	1897
McRae, W. R	1897
McSorley, H. S Enderby, B.C	1900
McTaggart, AlexanderLondon, O	1869
*McVean, John M	1865
*Madill, John	1867
Mader, A. I	1891
Maher, J. J. E	1883
Main, C. G Edmunston, N.B	1891
Mair, A. W	1892
Major, Geo. W., B.A. (Ret.) England	1871
Malcolm, John Rolph Scotland, O	1861
Malhiot, Alfred Scotland, O	1846
*Malloch, Edward C	1863
*Malloch, William B	1867
Malloch, N Eganville, O	1897
manoch, N	2001

<sup>\*</sup>Deceased.

## 

Mallory, Albert E Winchester, O	1007
Maloney, M. J	1897
Manchester I W	1872
Manchester, J. W St. John, N.B	1902
Prov. Asylum. New West-	
minutes DO	1894
marceau, Louis T.	1872
Markett, Fichard S	1867
Wall, Israel P	
	1849
Marston Alongo W	1859
Marston, Alonzo W	1871
*Marston, John J	1863
Wartel, Ovide St Don't Mine	1883
Warter, L. W Worden	1900
Martin, M. McL The Westminster, Copley	2000
7. 7. 4. 7.	1891
Martin, C. F., B.A	
Martin, E. A Kemptville, O	1892
Martin H E	1901
Martin, H. E Chatham, O	1902
Martin, R. H	iens,
Mich	1896
Martin, S. H Waterloo, Q	1892
Martin, J. M	
	1889
Mason, E. G Westmount, Q	1902
Mason, F. C Plattsburg, N.Y	1902
	1863
	1902
Mason, R State Inst. for Feeble-	1002
Minded Children, Syra-	
	1000
	1896
	1892
Masten, C. H	
	1893
	1875
Matheson, J. R 764 Huntington Ave., Bos-	
ton, Mass	1899
Mathewson, G H, B.A Montreal	1894
	1871
	1889
	1870
	1847
	TOTI
May, G. F Delabole, St. Leath, Corn-	100=
	1895
	1902
Meade, C. J 74 W. 4th St., St. Paul, Minn.	
Meahan, J. C Bathurst, N.B	1878
Meane, John Staff Surgeon-Major Army,	
98 Ebury St., London.	
	1860
	1875
	1901
	1865
and the second of the second s	-000

<sup>\*</sup>Deceased.

	1892
Menzies, John B Lachute, Q	1879
Menzies, J. E New Bedford, Mass	1902
*Meredith, Thomas L. B	1842
Merkley, E. A Edwards, N.Y	1897
Merrick, J. H Burlington, Iowa	1895
Merritt, D. P., B.A	
	1884
	1873
Metcalfe, F. T	
	1888
	1881
Midgeley, R. J	1897
Mignault, Henri A St. Hyacinthe, Q	1860
Mignault, Henri A	1897
	1880
	1901
Willies, C. II. D	1901
*Miller, R	1870
Mills, Thos. W., M.A Montreal	1878
Mills, W. C Chateauguay, N.Y	1893
Miner, Frank L Honolulu, Hawaii	1877
*Mines, W	1874
Mitchell, Fred. H Delaware, O	1871
Mitchell, R. W., M.A Montreal	1896
Mitchell, W Mansonville, C	1894
Moffatt, Geo Inkerman, O	1902
Moffatt, John E 1 Palmerston Villas, Rath-	
mines, Dublin, Ireland	1862
Moffatt, Walter Pensacola, Fla	1852
Moffatt, W. A Richmond, Q	1896
*Moffatt, R D	1888
Moles, E. B Brockville, O	1896
Molson, Wm. A Montreal	1874
Mongenais, Napoleon Rigaud, Q	1865
Monk, George H Rockburn, Q	1875
Mooney, M. J	1898
Moore, Charles S London, O	1874
Moore, Jehiel T Minneapolis, Minn	1874
	1852
	1901
	1853
	1869
Moore, Robert C	1881
*Moore, William Grave Ave	11001
Moore, J. M	1893
Chicago, Ill	1889
Moremouse, O. E Opper ficonical,	1000
*Morrin, Joseph (Hon.)	1901
Morgan, A. D	1887
Morgan, V. H River Beaudette, Q	1890
Morphy, A. G Lachine, Q	1890
Morris, C. H., B.A	1991

<sup>\*</sup>Deceased.

Morris O	
Morris, O	1890
Morrison A. S	1899
Morrison, A. S	1900
*Morrison, David R	1869
*Morrison, G. D.	1900
Morrison, J., M.A Pierson Man	1872
Morrison, J. F Conleston O	1902
Morrow, C Metcalfe, O	1388
Morrow, J. J Fergus O	1900
Morrow, W. S Montreal	1891
Morse, L. H., B.A Dgiby, N.S.	1897
Morse, L. R., B.A Lawrencetown, N.S	1896
Morse, W. R., B.A Laurencetown, N.S	1902
Mothersill, G. S Ottawa	1902
*Mount, John W.	1851
Mowat, M. M Williamstown, O	1889
Mowatt, W., B.A Walhalla, N.D	1896
Muirhead, D. A Carleton Place. O.	1889
Mullaly, E. J Souris, P.E.I.	1901
Mulligan, E. A Maniwaki, O	1890
Munro, Alexander Montreal	1876
Munro, James T Maxville, O	1872
Muckey, F. S 45 W. 39th St., New York	1883
Murphy, E. F	1899
*Murray, Charles H., B.A	1876
Murray, D Campbellton, N.B	1886
Murray, D. A River John, N.S	1889
Murray, L. M	1900
Murray, M. W New Decatur, Alabama	1890
*Musgrove, W. J	1882
Mussen, A. T Lachine, Q	1900
Myers, D. A Prentiss, Wis	1898
Nash, A. C	1899
Neil, J	1892
Neill, R. W	1895
Neilson, W. J Winnipeg, Man	1878
Nelles, J. M	1875
Nelles, John A London, O	1850
*Nelson, Horace	1861
*Nelson, Wolfred (Hon.)	1848
Nelson, Wolfred D. E Astor, House, New York,	
N.Y	1884
*Nelson, W. M. F	1884
Nesbitt, Jas. A 54 E. 3rd South St., Salt	
Lake City, Utah	1868
Newcombe, W. E Vancouver, B.C	1901
Nicol, Wm. R	1872
*Nicholls, Chas. R	1862
Nicholls, A. G., M.A Montreal	1894
Nicholson, F. J., B.A White Horse, Yukon Terr	1899
	1901

<sup>\*</sup>Deceased.

Noble, C. T	Sutton West, O 1890
Norton Thomas	Shelburne, O 1874
Norman, T. J.	King, O 1887
Oakley Wm D	Streetsville, O 1877
O'Brien Thos. J.	Minneapolis, Minn 1882
(FBrien, Robert S	Nanaimo, B.C 1873
*O'Brien David	1873
O'Brien, J. R., B.A	Ottawa 1899
O'Brien, T. D. P	1802
O'Brian T I P	1882
O'Brien Timothy	Wahpeton, N.D 1884
*O'Callagan Cornelius H.	1854
O'Callaghan, T. A., B.A	44 Turnbull St., Worcester,
	Mass 1880
*O'Carr, Peter	
*O'Connor, Daniel A	1367
O'Connor, E. J	Ottawa 1894
*O Connor, C	1890
O'Dea, James J	64 Beach St., Stapleton,
	Richmond Co., N.Y 1859
*O'Dell, William	
() Keefe, Henry	4000
Ogden, H. V., B.A	
084011, 121 11, 12111 11 11 11	kee, Wis 1882
Ogden, C. L., B.A	142 Kingston St., Boston,
084011, 0. 21, 2111	Mass 1894
Ogilvy, C., B.A	62 East 34th St., New York. 1898
O'Leary, James	St. Pascal, Q 1863
O'Leary, Patrick	1050
*Oliver, James W	4000
Oliver, A. J	Granby, Q 1890
Oliver, W	Rockburn, Q., 1895
Oppenheimer, S. S	**
	Greenwood, B.C 1898
	Greenwood, B.C 1898 Toronto
O'Rielly, Charles	Toronto 1868
O'Rielly, Charles	
O'Rielly, Charles	Toronto.       1868         Montreal       1888         1888       1888
O'Rielly, Charles	Toronto. 1868 Montreal 1888 1888 1886
O'Rielly, Charles	Toronto. 1868 Montreal 1888 1888 1886 Hamilton, O. 1886
O'Rielly, Charles	Toronto
O'Rielly, Charles Orr, A. E. Orr, J. E. *Orton, T. H. Osborne, A. B. O'Shaughnessy, L. J.	Toronto. 1868 Montreal 1888 1888 1886 Hamilton, O. 1886 Olanam, N.S. 1898 Glace Bay, C.B. 1901 1 W. Franklin St., Baltimore 1872
O'Rielly, Charles Orr, A. E. Orr, J. E. *Orton, T. H. Osborne, A. B. O'Shaughnessy, L. J. O'Sullivan, M. T.	Toronto. 1868 Montreal 1888 1888 1886 Hamilton, O. 1886 Olanam, N.S. 1898 Glace Bay, C.B. 1901 1 W. Franklin St., Baltimore 1872
O'Rielly, Charles Orr, A. E. Orr, J. E. *Orton, T. H. Osborne, A. B. O'Shaughnessy, L. J.	Toronto. 1868 Montreal 1888
O'Rielly, Charles. Orr, A. E. Orr, J. E. *Orton, T. H. Osborne, A. B. O'Shaughnessy, L. J. O'Sullivan, M. T. Osler, William, LL.D. Outhouse, J. S., B.A.	Toronto. 1868 Montreal 1888 1888 1886 Hamilton, O. 1886 Olanam, N.S. 1898 Glace Bay, C.B. 1991 1 W. Franklin St., Baltimore 1872 Shelburne Falls, Mass. 1898
O'Rielly, Charles Orr, A. E. Orr, J. E. *Orton, T. H. Osborne, A. B. O'Shaughnessy, L. J. O'Sullivan, M. T. Osler, William, LL.D. Outhouse, J. S., B.A.	Toronto. 1868 Montreal 1888
O'Rielly, Charles Orr, A. E. Orr, J. E. *Orton, T. H. Osborne, A. B. O'Shaughn'essy, L. J. O'Sullivan, M. T. Osler, William, LL.D. Outhouse, J. S., B.A. *Padfield, Charles W. *Painchaud, Edward S. L.	Toronto. 1868 Montreal 1888
O'Rielly, Charles Orr, A. E. Orr, J. E. *Orton, T. H. Osborne, A. B. O'Shaughnessy, L. J. O'Sullivan, M. T. Osler, William, LL.D. Outhouse, J. S., B.A. *Padfield, Charles W. *Painchaud, Edward S. L. Paintin, A. C.	Toronto. 1868 Montreal 1888  Montreal 1888  1888  Hamilton, O. 1886 Olanam, N.S. 1898 Glace Bay, C.B. 1901 1 W. Franklin St., Baltimore 1872 Shelburne Falls, Mass. 1898  1868 1848 Mansonville, Q. 1900
O'Rielly, Charles Orr, A. E. Orr, J. E. *Orton, T. H. Osborne, A. B. O'Shaughnessy, L. J. O'Sullivan, M. T. Osler, William, LL.D. Outhouse, J. S., B.A. *Padfield, Charles W. *Painchaud, Edward S. L. Paintin, A. C. Palmer, Loran L.	Toronto. 1868 Montreal 1888  Montreal 1888  1888  Hamilton, O. 1886 Olanam, N.S. 1898 Glace Bay, C.B. 1901 1 W. Franklin St., Baltimore 1872 Shelburne Falls, Mass. 1808  1868 1848 Mansonville, Q. 1900 49 College St., Toronto 1867
O'Rielly, Charles Orr, A. E. Orr, J. E. *Orton, T. H. Osborne, A. B. O'Shaughnessy, L. J. O'Sullivan, M. T. Osler, William, LL.D. Outhouse, J. S., B.A. *Padfield, Charles W. *Paintin, A. C. Palmer, Loran L. Palmer A. J.	Toronto. 1868 Montreal 1888 Montreal 1888 1888 Montreal 1888 Montreal 1888 Montreal 1888 Montreal 1888 Montreal 1888 Montreal 1886 Manilton, O. 1886 Olanam, N.S. 1898 Glace Bay, C.B. 1991 Montreal 1898 Montreal 1888
O'Rielly, Charles Orr, A. E. Orr, J. E. *Orton, T. H. Osborne, A. B. O'Shaughnessy, L. J. O'Sullivan, M. T. Osler, William, LL.D. Outhouse, J. S., B.A. *Padfield, Charles W. *Painchaud, Edward S. L. Paintin, A. C. Palmer, Loran L. Palmer, A. J. Palmer, G. F.	Toronto. 1868 Montreal 1888 Montreal 1888 1888 1886 Hamilton, O. 1886 Olanam, N.S. 1898 Glace Bay, C.B. 1901 1 W. Franklin St., Baltimore 1872 Shelburne Falls, Mass. 1898 1868 1868 1848 Mansonville, Q. 1900 49 College St., Toronto 1867 Buckingham, Q. 1897 London, Eng. 1885
O'Rielly, Charles Orr, A. E. Orr, J. E. *Orton, T. H. Osborne, A. B. O'Shaughnessy, L. J. O'Sullivan, M. T. Osler, William, LL.D. Outhouse, J. S., B.A. *Padfield, Charles W. *Paintin, A. C. Palmer, Loran L. Palmer A. J.	Toronto. 1868 Montreal 1888 Montreal 1888 1888 1888 Hamilton, O. 1886 Olanam, N.S. 1898 Glace Bay, C.B. 1901 1 W. Franklin St., Baltimore 1872 Shelburne Falls, Mass. 1808 1868 1848 Mansonville, Q. 1900 49 College St., Toronto 1867 Buckingham, Q. 1897 London, Eng. 1885 Dorchester, N.B. 1902

<sup>\*</sup>Deceased.

Pallister, W T	
Pallister, W. T	1897
*Paquin, Jean M. Bayneld, O. *Paradis, Henri	1843
*Paradis, Henri *Paradis, Pierre E	1846
*Paradis, Pierre E. *Park, George A.	1867
*Park, George A. Park, P. C.	1877
Park, P. C	1888
Parke, Charles S Ann St., Quebec, Q	1866
	1801
Parker, Rufus S	1001
ton Brown	1866
Montant 1	
	1886
Paterson, F. P Westfield Beach, Kings Co.,	1901
	1000
Taterson, R. C., B.A.	1898
Paterson, W. F., B.A. Montreel	1962
	1,900
	1,855
Pattergen D II	1864
Paterson, L	1898
	1892
	1900
	1858
Dotton Diday are	1874
	1867
Patton I W T	1890
Patton, J. W. T	1900
Payne, R. H	1900
Peake, E. L., B.A 174 Elm St., Oshkosh, Wis.	1900
Peake, J. P Oromocto, Sunbury Co., N.B.	1892
Pearman, H. V Halifax, N.S	1888
*Pegg, Austin J	1872
1 css, Charles H	1867
Penner, E., B.A Gretna, Man	1901
Pennoyer, A. R Buckingham, Q	1897
Peppers, H. W., B.A Fredericton, N.B	1899
Perks, W. C Woodstock, O	1881
Perrault, Victor H Montreal	1852
Perrier, John	
0	1868
	1870
	1873
	1898
	1902
	1865
	1874
	1892
	1854
TO1 1 0 TO	1899
TO 2 11 TO 1	1861
Tol. 1111 TO WE	1893
	-300

<sup>\*</sup>Deceased.

	.889
Phippen, S. S. C Owosso, Mich	1883
Picault, Chas	1857
Pickup, John W	1860
Pickard, L. N Charlottetown, P.E.I	1902
Pigeon, W. H Peterborough, O	1898
Pinsonneault, B	1880
*Pinet, Alexis	1847
Pinet, Alex. R St. Laurent, Q	1864
	1901
	1886
1 0010, 1111	1886
Poole, H. E Brier Hill, N.Y	1880
Pope, E. L., B.A Relleville, O	1900 -
Porteous Wm Minneapolis, Minn	1884
Porter, A. S Powassan, O	1900
Porter, J. A., B.A Powassan, O	1887
Pothier, J. C New Bedford, Mass	1887
Potts, J. Mc 1127 N. Clark St., Chicago,	1000
III	1888
Poussette, A. Courthrope Sarnia, O	1860
Powell, E. H Ottawa	1885
Powell, Israel Wood Victoria, B.C	1860
*Powell, Newton W	1852
Powell, Robert H. W 180 Cooper St., Ottawa	1876
*Powers, George W	1861
Powers, Lafontaine B Port Hope, O	1867
Powers, M., B.A Ottawa	1898
Pratt, C. M St. John, N.B	1902 1896
Prescott, A. H Queenbury, N.B	1895
Price, B. S 129 Union St., St. John, N.B.	1855
Pringle, George	1880
Pringle, A. F Northfield, Minn.	-886
Pringle, W.RSchreiber, O	1994
Pritchard, J., B.A North Wakefield, Q	1874
	1868
Proudfoot, Alex	1869
Prouxl. Phileas	1844
*Provost, E. Gilbert	1859
Pulford, F. W	1880
Tunora, P. W	
*Quarry, James J	1868
*Quay, D. D	1895
*Quesnel, Jules M	1849
Quirk, E. L	1888
Seattly and the first of the fi	
*Rae, J. Hamilton (Hon.), L.L.D	1853
*Rainville, Pierre	1863
Rajotte, E. C. F Montreal	1899
*Rambault, J	1871

<sup>\*</sup>Deceased.

*Pottney Obelet T	
*Rattray, Charles J	. 1871
naturay, James C	. 1874
Raymond, Alf Seattle Wash	1996
*Raymond, G. H., B.A.	. 1886
Raymond, Olivier Montreal	. 1850
Read, Herbert H Halifax, N.S	. 1861
Reavely, E Chicago III	. 1887
Redner, Horace P	. 1864
Reddick, Robert Rossland, B.C.	. 1874
Reddy, Herbert L., B.A Montreal	1876
*Reddy, John (ad eun.)	. 1857
Redon, L. H., B.A Victoria, B.C	1901
*Reed, Thomas D	. 1871
Reeves, J Eganville, O	1004
	. 1858
Reid, J. T Drayton, Dak	. 1890
*Reid, Kenneth	. 1864
Reilly, W. G Montreal	1895
Renner, W. Scott Buffalo, N.Y	1884
Reynolds, T. W	1881
*Reynolas, Robert T	1836
*Reynolds, Thomas	1842
Richard, F. A., B.A Chatham, N.B	1900
Richard, Marcel Manchester, N.H	1864
Richards, B. A	1901
Richmond, P. E Mount Pleasant, Minn	1873
*Ridley, Henry Thomas	1852
*Riei, Etienne R. E	1857
*Riley, Oscar H	1879
Rimer, F. E Dawson City	1894
Rinfret, Ferdinand R Quebec	1868
*Rintoul, David M	1854
Richardson, J. R 3015 Lake St., Chicago	1865
Richardson, G. C	1887
Richardson, A Florence, Col., U.S.A	1894
Richardson, H. J	1894
Riordan, B. L	1880
Ritchie, A. A	1897
Ritchie, A. F., B.A	1876
Ritchie, C. F. P., B.A Montreal	1902
Ritchie, John L Queenstown, Cape Colony,	4071
South Africa	1874
Robert, G. C	
Roberts, A. B Lanark, Ont	1902
*Roberts, Edward T	1859
Roberts, J	1901
Roberts, John C. E., B.A Manchioneal, Jam., W.I	1867
Robertson, A. M Vancouver, B.C	1885
Robertson, A. A., B.A	1894
Robertson, C. G Hawkesbury, O	1901

<sup>\*</sup>Deceased.

Robertson, James E Montague, P.E.I	1865
Robertson, David Milton, O	1864
	1898
	1857
	1867
Robertson, F. D., B.A Grand Rapids, Mich	1886
	1901
Robertson, A. G Salt Lake City, Utah	1888
Robertson, W Elora, O	1890
Robertson, W. A. T Junction City, Kan	1896
Robertson, E. A., B.A Montreal	1891
Robertson, R. D Wetaskiwin, N.W.T	1901
Robertson, T. F Brockville, O	1891
Robertson, H. M Victoria, B.C	1897
Robertson, J. E Prescott, O	1895
Robidoux, L. E., B.A Shediac, N.B	1901
Robillard, Adolphe 229 Stewart St., Ottawa	1860
Robins, G. D., B.A Windsor Mills, Q	1896
Robinson, B. E Orillia, O	1892
Robinson, Stephen J Brantford, O	1876
Robinson, Wesley Markham, O	1872
Robitaille, Louis New Carlisle, Q	1860
*Robitaille, Hon. L. T	1858
Roddick, Thomas G Montreal	1868
*Rødger, Thomas A	1869
Rogers, Amos Ottawa	.1874
Rogers, E. J. A 222 Colfax Ave., Denver,	
Col	1881
Røgers, F. E	1897
Rogers, F. E	1897 1901
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal	1897 1901 1802
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal Rooney, R. F. Auburn, Placer Co., Cal.	1897 1901 1802 1870
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rogers, O. Rogers, W. Rooney, R. F. Rorke, R. F. Royke, R. F. Royke	1897 1901 1802 1870 1893
Col.  Rogers, F. E. Brighton, O.  Rogers, H. B. Peterboro, O.  Rogers, W. Montreal  Rooney, R. F. Auburn, Placer Co., Cal.  Rorke, R. F. South Woodslee, O.  Rose, W., O. Gen. Hospital, Nelson, B.C.	1897 1901 1802 1870 1893 1898
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rose, W. O. Gen. Hospital, Nelson, B.C. *Ross, George, M.A.	1897 1901 1802 1870 1893 1898 1806
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rose, W. O. Gen. Hospital, Nelson, B.C. *Ross, George, M.A. Ross, James, B.A. Dundas, O.	1897 1801 1802 1870 1893 1898 1866 1881
Col.  Rogers, F. E. Brighton, O.  Rogers, H. B. Peterboro, O.  Rogers, W. Montreal  Rooney, R. F. Auburn, Placer Co., Cal.  Rorke, R. F. South Woodslee, O.  *Rose, W., O. Gen. Hospital, Nelson, B.C.  *Ross, George, M.A.  Ross, James, B.A. Dundas, O.  *Ross, D. W. Florenceville, N.B.	1897 1901 1802 1870 1893 1898 1866 1881 1894
Col.  Rogers, F. E. Brighton, O.  Rogers, H. B. Peterboro, O.  Rogers, W. Montreal  Rooney, R. F. Auburn, Placer Co., Cal.  Rorke, R. F. South Woodslee, O.  Rose, W., O. Gen. Hospital, Nelson, B.C.  *Ross, George, M.A.  Ross, James, B.A. Dundas, O.  Ross, D. W. Florenceville, N.B.  Ross, H. Thorburn, N.S.	1897 1801 1802 1870 1893 4898 1866 1881 1804 1804
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rose, W., O. Gen. Hospital, Nelson, B.C. *Ross, James, B.A. Dundas, O. Ross, D. W. Florenceville, N.B. Ross, H. Thorburn, N.S. Ross, H. B.A. Montreal	1897 1801 1802 1870 1893 4898 1866 1881 1894 1804 1804
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rose, W., O. Gen. Hospital, Nelson, B.C. *Ross, James, B.A. Dundas, O. Ross, D. W. Florenceville, N.B. Ross, H. Thorburn, N.S. Ross, H., B.A. Montreal Ross, J. J., B.A. Montreal	1897 1901 1802 1870 1893 1898 1866 1881 1804 1804 1900 1894
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rose, W., O. Gen. Hospital, Nelson, B.C. *Ross, George, M.A. Ross, James, B.A. Dundas, O. Ross, D. W. Florenceville, N.B. Ross, H. Thorburn, N.S. Ross, H. Montreal Ross, J. J., B.A. Montreal Ross, G. T. Montreal	1897 1601 1802 1870 1893 4898 1806 1881 1804 1804 1800 1894 1880
Col.  Rogers, F. E. Brighton, O.  Rogers, H. B. Peterboro, O.  Rogers, W. Montreal  Rooney, R. F. Auburn, Placer Co., Cal.  Rorke, R. F. South Woodslee, O.  Rose, W., O. Gen. Hospital, Nelson, B.C.  *Ross, George, M.A.  Ross, James, B.A. Dundas, O.  Ross, D. W. Florenceville, N.B.  Ross, H. Thorburn, N.S.  Ross, H., B.A. Montreal  Ross, J. J., B.A. Montreal  Ross, G. T. Montreal  Ross, G. T. Montreal  Ross, L. D. Montreal	1897 1501 1802 1870 1893 4898 1806 1881 1804 1804 1900 1894 1880 1884
Col.  Rogers, F. E. Brighton, O.  Rogers, H. B. Peterboro, O.  Rogers, W. Montreal  Rooney, R. F. Auburn, Placer Co., Cal.  Rorke, R. F. South Woodslee, O.  Rose, W. O. Gen. Hospital, Nelson, B.C.  *Ross, George, M.A.  Ross, James, B.A. Dundas, O.  Ross, D. W. Florenceville, N.B.  Ross, H. Thorburn, N.S.  Ross, H. B.A. Montreal  Ross, J. J., B.A. Montreal  Ross, G. T. Montreal  Ross, G. T. Montreal  Ross, S. A. Halcyon, B.C.	1897 1801 1802 1870 1893 1898 1866 1881 1894 1894 1894 1880 1884 1899
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rose, W., O. Gen. Hospital, Nelson, B.C. *Ross, George, M.A. Ross, James, B.A. Dundas, O. Ross, D. W. Florenceville, N.B. Ross, H. Thorburn, N.S. Ross, H., B.A. Montreal Ross, J. J., B.A. Montreal Ross, G. T. Montreal Ross, L. D. Montreal Ross, S. A. Halcyon, B.C. Ross, W. K. Brockville, O.	1897 1801 1802 1870 1893 1898 1866 1881 1894 1894 1894 1899 1883
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rose, W., O. Gen. Hospital, Nelson, B.C. Ross, James, B.A. Dundas, O. Ross, James, B.A. Dundas, O. Ross, H. Thorburn, N.S. Ross, H. Montreal Ross, J. J., B.A. Montreal Ross, G. T. Montreal Ross, G. T. Montreal Ross, S. A. Halcyon, B.C. Ross, W. K. Brockville, O. Ross, R. O., B.A. Derby Line, Vt.	1897 1801 1802 1870 1893 1898 1806 1881 1894 1894 1894 1894 1899 1883 1896
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rose, W., O. Gen. Hospital, Nelson, B.C. *Ross, James, B.A. Dundas, O. Ross, D. W. Florenceville, N.B. Ross, H. Thorburn, N.S. Ross, H., B.A. Montreal Ross, J. J., B.A. Montreal Ross, G. T. Montreal Ross, G. T. Montreal Ross, S. A. Halcyon, B.C. Ross, W. K. Brockvulle, O. Ross, R. O., B.A. Derby Line, Vt. Ross, Thomas Sacramento, Cal.	1897 1901 1802 1870 1893 1893 1896 1851 1804 1894 1894 1894 1899 1880 1884 1899 1883 1896 1863
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rose, W., O. Gen. Hospital, Nelson, B.C. *Ross, George, M.A. Ross, James, B.A. Dundas, O. Ross, D. W. Florenceville, N.B. Ross, H. Thorburn, N.S. Ross, H. Montreal Ross, J. J., B.A. Montreal Ross, G. T. Montreal Ross, G. T. Montreal Ross, S. A. Halcyon, B.C. Ross, W. K. Brockville, O. Ross, R. O., B.A. Derby Line, Vt. Ross, Thomas Sacramento, Cal. *Ross, Henry	1897 1901 1802 1870 1893 1896 1861 1804 1804 1800 1884 1899 1883 1896 1863 1872
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rose, W., O. Gen. Hospital, Nelson, B.C. *Ross, George, M.A. Ross, James, B.A. Dundas, O. Ross, D. W. Florenceville, N.B. Ross, H. Thorburn, N.S. Ross, H. Montreal Ross, J. J., B.A. Montreal Ross, G. T. Montreal Ross, G. T. Montreal Ross, S. A. Halcyon, B.C. Ross, W. K. Brockville, O. Ross, R. O., B.A. Derby Line, Vt. Ross, Thomas Sacramento, Cal. *Ross, Henry *Ross, William G.	1897 1901 1892 1893 1898 1896 1881 1894 1894 1890 1884 1899 1883 1896 1863 1897 1863
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rose, W., O. Gen. Hospital, Nelson, B.C. *Ross, George, M.A. Ross, James, B.A. Dundas, O. Ross, D. W. Florenceville, N.B. Ross, H. Thorburn, N.S. Ross, H., B.A. Montreal Ross, G. T. Montreal Ross, G. T. Montreal Ross, S. A. Halcyon, B.C. Ross, W. K. Brockville, O. Ross, R. O., B.A. Derby Line, Vt. Ross, Thomas Sacramento, Cal. *Ross, William G. *Ross, W. M.	1897 1901 1892 1893 1898 1896 1881 1894 1894 1890 1884 1899 1883 1896 1883 1896 1867 1877
Rogers, F. E. Brighton, O. Rogers, H. B. Peterboro, O. Rogers, W. Montreal Rooney, R. F. Auburn, Placer Co., Cal. Rorke, R. F. South Woodslee, O. Rose, W., O. Gen. Hospital, Nelson, B.C. *Ross, George, M.A. Ross, James, B.A. Dundas, O. Ross, D. W. Florenceville, N.B. Ross, H. Thorburn, N.S. Ross, H. Montreal Ross, J. J., B.A. Montreal Ross, G. T. Montreal Ross, G. T. Montreal Ross, S. A. Halcyon, B.C. Ross, W. K. Brockville, O. Ross, R. O., B.A. Derby Line, Vt. Ross, Thomas Sacramento, Cal. *Ross, Henry *Ross, William G.	1897 1901 1892 1893 1898 1896 1881 1894 1894 1890 1884 1899 1883 1896 1863 1897 1863

<sup>\*</sup>Deceased.

Do-	
Ross, D. L	
land Will Hosp., Wil	-
Ross, James	. 1887
Ross, H.R	. 1890
Rowat, W. M	. 1890
Rowell, G. B	1886
Rowley, W. E. B.	1884
Roy, J. J Marysville, N.B.	1900
Roy, J. J	1007
Rugg, Henry C	1897
*Rumsey, William	1865
Russel, C. K., B.A. Montreal Russel, E. M. Springfeld at	1959
Russel, E. M. Montreal  Rutherford, M. C. Springfield, Mass, U.S.A	
Rutherford, M. C. Springfield, Mass, U.S.A. Rutherford, Clarendon, M.A. 102 Review N.Y.	1901
Rutherford, Clarendon, M.A	1879
Rutherford, R. M	1882
Rutherfurd, A. E. Hawkesbury, O. Rutherford, C. A. Willertown, Nfid.	1899
Rutherford C A	1900
Rutledge, And I	1901
*Ruttan, Allen	1883
Ruttan, A. M	1852
Ruttan, A. M Napanee, O	1880
	1884
Ryan, J. P	1896
Ryan, E. J	1896
Ryan, G. H. W St. Kitts, W.I	1899
Ryan, W. T., B.A Fredericton, N.B	
****	1901
*Sabourin, Moise *Sampson, James (Hon.)	1010
*Sampson, James (Hon.)	1849
Sanders, C. W	1847
	1901
Savage, Thos V	1850
	1896
*Savage, Alex. C. *Sawyer James H	1854
*Sawver James H	1866
*Savyer, James H	1863
	1900
	1894
	1893
Tiolicactor Moses	1898
Community, Damuel D	1847
Wontrool	1886
Continue, A. U. I. I. I. Char Donida T-	1886
Condition, David I.	
Control Ca, II. J	1869
Noct, J. F Windom Winn	1898
Scott, John G Hazledean Co Cont o	1899
beett, Stephen A	1879
Scott, William E	1854
Scott, Wm. F.	1844
Scott, Wm. F	1875
Scott, W. T	1897
St Cothorinos	.883
	887
	No. of Lot

<sup>\*</sup>Deceased.

Scott W H Owen Sound, O 1894
*Seguin, Andre 1893
Seguin, J. W. A
*Seguin, J. W. A
Semple, E. J., B.A
Semple, E. J., B.A
Fort Ou'Appelle N.W.T 1879
Seymour, M. M Fort Qu'Appelle, N.W.T 1879
*Sewell, Stephen C. (ad eun.)
Sewell, Chas. Colin (ad eun.)68 St. Louis St., Quebec 1869
at the A T
Shanks, A. L
CIL TV T (RAT)
Sharpe, E. M
Sharpe, E. M
N.D
*Shaw, Alexander
C1 TIT TO
Shaw, G. F St. Andrews, 4.
Shaw, H. M
*Shaver. Peter Rolph
Dilavel, *** - 12.**
Shore, R. A. A., B.A
Shufelt, W. A
Sihler, W. F Grand Harbor, N.D.,
*Simard, Amable
Simpson A. S
Simpson, E. G. W., B.A Lennoxville, Q 1901

<sup>\*</sup>Deceased.

Simpson, Thomas (ad eun.)Montreal	
Sinclair, Coll	1854
Sinclair, O. W	1874
Sinclair, D. R	1891
Slack, T. J	1897
Small, H. B	1896
*Smallwood, John R	1880
Smellie, T. S. J., M.A Port Arthur, O	
Smellie, W	1877
Smiley, J. S	1896
Smith, A. M., B.A Littleton, Col., U.S.A	1880
*Smith, Daniel D	
*Smith, Daniel D	1868
Smith, Daniel F	1878
*Smith, E. H	1885
*Smith, E. H	1881
*Smith, Edward W	1859
Smith, H Folly Village, N.S *Smith, John	1897
*Smith, John Frelighsburg, Q	1879
*Smith William	1870
*Smith, William Smith, Edward W., A.BWest Merriden, Conn	1876
Smith, W. D. Sharbasala O. Sharbasala O.	1882
Smith, W. D	1890
Smith, C. F	1884
Smith, R. E. G., B.A	1891
Smith, R. A	1896
Smith, T. H	1897
Smith, T. W	1891.
Smith, W. H	1902
Smith, S. R. B	1892
Smythe, T. W.	1896
Smyth, H. E	1848
Smyth, W. H., B.A Montreal, Q	1884
Snider, Frederick S Teeterville, O.	1896
Snyder, A. E. W Lake Megantic, Q	1876 1901
Sparham, TerenceBrockville, O	1841
Sparling, A. J	1891
Spearman, F. S	1031
Ill., U.S.A	1896
Speer, Andrew M Danville, Q	1874
Spier, J. R Montreal	1891
Spencer, Richmond Brandon, Man	1879
Springle, J. A Montreal	1888
Stackhouse, O. C. S Niagara Falls, N.Y.	1896
Squire, William Wood, M.A.	1864
Stanord, Fred. I Twillingate. Nfld.	1878
Stanfield, H. M., B.A Truro, N.S.	1897
Stanton, George Simcoe. O.	1868
Staples, C. A., B.A Vancouver. B.C.	1896
Stark, George A	1872

<sup>\*</sup>Deceased.

*Staunton, Andrew
Steeves, C. P., B.A
Stenning, W. A
Stendaford, G. L
*Stephen, William
Stephen, G. C
Sterling, A
Stevens, Alex. D
Stevenson, Charles N
Stevenson, Hans
Stevenson, J., B.A
Stevenson, R. H
Stevenson, R. H
Pilevellsun, J. M
Stewart, James Montreal 1869
Stewart, J. O
Stewart A D
Stowert W G BA Montreal 1888
Stavenson Tames Iroquois, O
Stimpson Alfred O Thompson, Pa 1868
St. John, Leonard
111
Stockwell, H. K Danville, Q 1902
Stockwell, H. P Danville, Q 1898
Storrs, A Scarisbrick, New Road,
Southport, Eng 1870
*Strobridge, James Gordon
Struthers A. D Bedford, Q 1881
Struthers R R Sudbury, O 1883
Strond C. S
*Sutherland Fred Dunbar
Sutherland G. R Ladue, N.W.T 1897
Sutherland, Walter Valleyfield, Q 1871
*Sutherland, William 1836
*Sutherland, William 1870
Sutherland, W. H
Sutherland, William R Montreal 1879
Sutherland, J. A Springhill, N.S 1893
Switzer, Egerton R Salina, Ks 1865
Tabb, Silas E., M.A Sherbrooke, Q 1869
*Tait. Henry Thomas
Taplin, M. M Rochester, N.Y 1892
Taylor, D. A
*Taylor, Wm. H
Layloi, Will II.

<sup>\*</sup>Deceased.

Taylor, Sullivan A Gilmonton, N.H., U.S.A	1070
	1870
Taylor, J. N	1892
	1892
	1901
	1896
	1890
	1898
Temple, James A	1864
Thayer, Linus O	1865
*Theriault, F. D	1859
Therien, Horore	1863
Thomas H W	1863
Thomas, H. W	1897
Thomas, J. E	1897
Thomas, W. R Lennoxville, Q	1886
Thompson, G. H	1899
poon, dames	1842
Paris ()	TOTA
Thompson, Wm. E Dawson City, Yukon	1882
Thompson, J. A Maple Grove, Q	1897
Peterghuro	1888
Montreal Wontreal	4000
THOMSOH, P. L.	1000
Simner PO Mah	4000
Thornton, mastewell W RA New Richmond O	4000
St Albert Alto	4000
Alevandria ()	7000
Monge (real of	4000
Stanstand Dlaine	4000
T. I., D.M. WONTPASI	1899
VICTORIA RC	MOVA
Pincher Creek MWM	1900
Kingston Lond Co William	1897
West Marridan Com	1873
1 ancester NI II TICA	1902
Traphell, E. E.	1873
Trainor, J. B	
River Mace	1897
TIAVELS, J. B. Ct Tohn AT D	
Tremonie, Edward Henry	woho.
	1899
TIOY, W	1891
Trudel, Eugene H.	1844
San lose (a) Tre A	1881
Tunstall, C. A., B.A. Barkerville B.C.	1891
Tunstan, Simon J., B.A. Vancouver BC	1875
Tupper, T. S Fredericton N P	
Turgeon, Louis G	1896
Turnburn, J. A Bay River N.C.	1860
Turnbull, A. R Moosejaw NWT	1900
Turnbull, I Stratford O	1886
Turner, W. G., B.A	1899
TUZO Henry A	1900
	1853

<sup>\*</sup>Deceased.

Ussher, Henry Walkerton, O 1861
Vannorman, J. M Detroit, Mich
VanNorman, J. M Fredericton, N.B 1902 VanWart, R. McL., B.A Fredericton, N.B
*Transco Henry T.
+ T-1 - T-1 - T
751 Madison Ave., New 101k 1616
Tri
Vipond, C. W
Wade, A. S
Cornwall 0
Tacoma, Wash Tell., O.B.R. 1991
two man William H
Wontreal
Weinswicht G F A Stanley, York Co., N.D 1001
William Gaspe Basin, Q
TIT-les Deniemin N RODINSON, V
ATTY 11 Dobout
3523 Indiana Ave., Chicago,
111
Walker, W. G
Walker, D. F
*Walker, Felix D
Walker, H., Jr., B.A New York, N.I.
Walker, P. McH St. Thomas, N.D
Wallace, Isaac W Milton, Q
Walsh, Edmund C Madrid, N.1
Walsh, W. E
Walsh, T. N Ormstown, Q
*Wanless, John R
Ward, J. A
Red Lake Falls, Minn.,
U.S.A
London, O 1812
Transport C A
Dickinson's Landing, O 1888
WILL TOWNSON TO
Trabatan Anthur D
S
Wahatan P F Ottawa
Weilhrenner Remi Port Neul, Q
*Wein Dichard
West, J Montreal

<sup>\*</sup>Deceased.

Westley, R. A	1888
Wheeler, C. L., B.A	1888
IVN NV	
Wheeler, F. H	1889
*Wherry. John	1896
*Wherry, John Whillans H A	1862
Whilans, H. A Princeton, B.C	1893
White, E. H., B.A Montreal	1901
White, F. J Moncton, N.B	1886
Wille, W. W., M.A. St Tohn N.D.	1886
Montrool	1890
Harrion PC	1896
wintcombe, Josian (†.	1848
Whitefold, James W.	1873
Whiteford, Richard	1019
Ohio	1055
Whitton, D. A Ottawa	1857
*White Joseph A	1898
*Whyte Joseph A	1860
*Whyte, Joseph A	1870
Whyte, J. J Metcalfe, O	1889
Whyte, J. T., B.A Killarney. Man	1893
Wickham, W. W	1895
Wiggin, W. L Lowell Mass IISA	1901
Wigle, Hiram Wiarton O	1875
Widmer, Christopher (Hon.)	1847
Wilcox, Marshall B	1868
Wiley, B. E Fredericton NR	1901
Wilkins, George (ad eun.) Montreal	1886
Wilkins, H. P	
Wilkins, W. A Montreal	1887
Williams, J	1899
	1001
Williams, J. F	1881
	1886
Williams, E. J., B.A Sherbrooke, Q	1887
	1897
Williams, J. A Montreal	1895
Williams, R. G Meaford, Ont	1902
Williams, W Remsen, N.Y., U.S.A	1901
Williamson, H. M 628 2nd Ave., Detroit, Mich.	1890
Williamson, W. P Benecia, Cal., U.S.A	1891
Williston, H. V., M.A Newcastle, N.B.	1879
Willson, J. A. K Ladner's Landing, B.C.	1885
Wilmot, Le B. B Oromocto, N.B	1901
Wilson Benjamin S	1866
Wilson, F. W. E Niagara Falls, O	
	1897
	1901
Wilson W A Corleton Diese	1890
Wilson, W. A	1900
Wilson, Robert M	1850
Wilson, William	1857
Wilson, Samuel F., M.A Montreal	1884
Wilson, C. W Montreal	1886
	1893

<sup>\*</sup>Deceased.

Wilson, R. D Derby, N.B	
kWilsonne John Wilbrod 1846	
Winter D E Montreal 1901	
Wichart D I G Toronto 1885	
Withorhoo W D Potsdam, N.Y 1899	
Wolf, C. G. L., B.A Cornell University, Ithaca,	
N.Y	
Woolverton, A., M.A	
ton. O 1868	3
Woods David 1860	)
Wood Edwin Geo Univ. of Nashville, 410 Jack-	
son Building, Nashville,	
Tenn., U.S.A 1885	
Wood, Edwin Geo	5
Wood, George C	3
*Wood, George	3
Wood, George	
Minn	3
Woodful, Sam Llace	
Woodley, J. W	
Woodrull, E. H	
W 00018, J110. J. 12	0
Woolway, C. J	50
*Wright, Henry P	
*Wright, Stephen	
Wright, William, Rev Montreal	52
Wright, H. K Cranberry Hall, London,	200
Eng	90
Wye, John H 25 Ampton St., London,	00
W.C	
Wylde, C. F	
Wyman, H. B., B.A Chute à Blondeau, O 190	
Yates, H. B., B.A Montreal 18	33
Yearwood, C. A., B.A St. Andrew's, Barbadoes,	
W.I	
York, H. E Metcalfe, O 18	
*Young, Philip R	
Young, Robert C Ridgetown, O 18	
*Young, A. A	
Young, H. E., B.A Dayton, Ohio 18	
*Youker, William	
Yorston, F. S 18	90

<sup>\*</sup> Deceased.

## MATRICULATION EXAMINATION PAPERS.

SEPTEMBER, 1901.

#### COMPULSORY SUBJECTS.

#### English Grammar.

FRIDAY, SEPTEMBER 13TH:-MORNING, 9 TO 10.30.

- 1. (a) Parse and analyze: On the top of the hill where the mists gather we saw a cairn.
  - (b) Analyze: I wish that he were here if only he would say so.
- 2. Define a collective noun. Does it take a verb in the singular or plural? Define an abstract noun. Form abstract nouns from clear, long, just, bond, honest.
- 3. How is gender indicated in English? Give two examples of each method.
- 4. State what kind of adjective each of the following is: All, big, half, wise, black. What rules apply to the formation of the comparatives blacker, redder, grayer. Mention two adjectives which do not admit of comparison.
- 5. Classify and exemplify the pronouns which can be used as nouns.
  - 6. Put into the passive voice,
    - (a) He liked the man.
    - (b) Forgive me.
    - (c) He asked me for money.
    - (d) He taught me music.
- 7. Name the imperfect (or incomplete or progressive) perfect and indefinite tenses of the verb, *tear*, and give the first person singular of each.
- 8. State what adverbs modify and give examples. To what classes of adverb do quite, soon, rapidly belong? Use the words on, beyond, along, as prepositions and adverbs.
- 9. State when the nominative case is used. Give an instance of the subjective and objective genitive.

#### English History.

FRIDAY, SEPTEMBER 13TH: -MORNING, 10.30 TO 12.

#### Answer any six questions.

- 1. Write a full and detailed account of the part which the Danes took in English history from the middle of the ninth century to the accession of Edward the Confessor.
  - 2. Sketch the reign of Henry I.
  - 3. Describe the wars of Edward III. with the Scots and the Fench.
- 4. Trace the fortunes of the Yorkist cause from 1450 to the battle of Bosworth.
- 5. By what stages did England break her connection with the Roman Church? Include in your answer the reigns of Henry VIII., Edward VI., Mary and Elizabeth.
  - 6. Name ten important events in the reign of Charles II.
  - 7. What do you know of the Jacobite plots and risings ?

#### Dictation.

MONDAY, JUNE 10TH: - MORNING, 10.30 TO 11.

The front part of the house presented a façade of more than sixty windows, surmounted by a formal pediment and raised upon a terrace. A wide avenue, part in gravel, part in turf, and bordered by triple alleys, ran to the great double gateways. It was impossible to look without surprise on a place that had been prepared through so many generations, had cost so many tons of minted gold, and was maintained in order by so great a company of emulous servants. And yet, of these there was no sign but the perfection of their work. The whole domain was drawn to the line and weeded like the front plot of some suburban amateur; and I looked in vain for any belated gardener, and listened in vain for any sounds of labour. Some lowing of cattle and much calling of birds alone disturbed the stillness and even the little hamlet which clustered at the gates, appeared to hold its breath in awe of its great neighbour, like a troop of children who should have strayed into a king's ante-room.

[Note for the Presiding Examiner.—The Deputy Examiner will read the extract three times, the candidates writing it out during the second reading. The first and third readings are respectively intended to give the candidates a general idea of the character of the passage, and to guide them in punctuating. As it is of great importance that candidates should not be left in a state of uncertainty, the Deputy Examiner

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will repeat, on request, any word or phrase. The Deputy Examiner will also inform the candidate that obvious attempts to make letters do double duty (e.g., to make a letter serve for e or i) will be regarded as mistakes. Full stops and semi-colons are to be indicated by the Deputy Examiner.

#### English Literature and Composition.

FRIDAY, SEPTEMBER 13TH: -AFTERNOON, 2.30 TO 5.30.

(Candidates will take A and either B or C. Ontario candidates may substitute D for either A or B or C. All candidates must take E, except those who have entered for First Year Exhibitions, who will take the paper on Milton. Write the answers to the several parts in separate books.)

#### A. SHAKSPERE-Richard II.

- 1. Describe in your own words the opening scene. Quote and scan ten consecutive lines from the first act.
- 2. Review carefully the Duke of York's course of action in the play. What deductions may be made as to his character and opinions?
- 3. Explain the following passages, and state by whom and on what occasion they are spoken:—
  - (a) 'Twill make me think the world is full of rubs, And that my fortune runs against the bias.
  - (b) The sly slow hours shall not determinate The dateless limit of thy dear exile.
  - (e) Twice saying "pardon" doth not pardon twain, But makes one pardon strong.
  - (d) The very bandsmen learn to bend their bows Of double-fatal yew against thy state; Yea, distaff-women manage rusty bills against thy state.
  - (e) I wasted time, and now doth time waste me;
    For now hath time made me his numbering clock.

#### B. Scott-Lady of the Lake.

- 1. Give a summary of the events contained in the last canto of the poem.
- 2. Write your impressions of Highland character as described in *The Lady of the Lake*; and give short quotations to support your answer.
- 3. Note and explain carefully six old Scottish words used by Scott in this poem.
  - 4. Who were: -Allanbane, Red Murdock, Blanche of Alevon?

#### C. TENNYSON-Selections.

- 1. Where do we find the foundation of each of the following poems: The Lotos-Eaters, Ulysses, Tithonus. In each case, outline the classic story and show how Tennyson has altered it.
  - 2. Eplain the meaning of The Lady of Shalott.
- 3. Quote or refer explicitly to passages in Tennyson's poems illustrating the following characteristics: richness of description, simplicity of diction, assonance, skill in similes, patriotic feeling.

#### D. TENNYSON-Selections.

- 1. (a) Give the legend of Sir Galahad.
  - (b) How does Tennyson treat the story?
- (c) What characteristics of Tennyson, as poet and as man, do you find illustrated in the poem?
- 2. Write out or give a prose rendering of any one of the songs from *The Princess*, and add a short comment.
- 3. Judging from his poems, what can you say of Tennyson's religion; his patriotism; his feeling for the classics? Illustrate by quotations or direct references.

#### E. ENGLISH COMPOSITION.

Write an essay of not less than two pages on any one of the following subjects:—

- A. Summer Reading.
- B. The Joys and Sorrows of a Fisherman.
- C. The Character of Ulysses as presented by Tennyson.

### Mathematics, Part I.

#### Geometry.

THURSDAY, SEPTEMBER 12TH:-MORNING, 9 TO 12.

- 1. If a side of a triangle be produced, then the exterior angle shall be equal to the two interior opposite angles; also the three interior angles of a triangle are together equal to two right angles.
- (a) All the interior angles of any rectilineal figure, together with four right angles, are equal to twice as many right angles as the figure has sides.
- 2. Triangles upon the same base and between the same parallels are equal in area.
- 3. If a straight line be divided equally and also unequally, the rectangle contained by the unequal parts, together with the square on the line between the points of section, is equal to the square on half the line.

- 4. Describe a square that shall be equal to a given rectilineal figure.
- 5. The sum of the squares on the sides of a parallelogram is equal to the sum of the square on the diagonals.
- 6. In a right angled triangle, if a perpendicular be drawn from the right angle to the hypotenuse the square on the perpendicular is equal to the rectangle contained by the segments of the hypotenuse.
  - 7. Equal chords in a circle are equidistant from the centre.
- (a) Find the locus of the middle points of equal chords in a circle.
- 8. The opposite angles of a quadrilateral inscribed in a circle are together equal to two right angles.
- 9. If two chords of a circle cut one another, the rectangle contained by the segments of the one shall be equal to the rectangle contained by the segments of the other.

#### Mathematics, Part I.

#### Algebra and Arithmetic.

THURSDAY, SEPTEMBER 12TH: -AFTERNOON, 2 TO 5.

1. Simplify 
$$(a) \frac{a+x}{a^2+ax+x^2} + \frac{a^2-ax+x^2}{a-x} + \frac{2x^3}{a^4+a^2x^2+x}$$
  
(b)  $(1+x)^2 \div \left\{ 1 + \frac{x}{1-x+\frac{x}{1+x+x^2}} \right\}$ 

- 2. Resolve into factors:
  - (1)  $x^2 20 xy + 96 y^2$ .
  - (2)  $a^4 + 7a^2 98$ .
  - (3)  $2 mn + m^2 + n^2 1$ .
  - (4)  $x^2 \frac{1}{256}$ .
- 3. Solve the following equations:

$$(1) \ \frac{x+4}{14} + \frac{x-4}{6} = 2,$$

(2) 
$$\begin{cases} 2 & x - \frac{1}{12}y = 3, \\ 4 & x - y = 20. \end{cases}$$

(3) 
$$22 x + 23 - x^2 = 0$$
.

4. Two persons, 27 miles apart, setting out at the same time are together in 9 hours if they walk in the same direction, but in 3 hours if they walk in opposite directions. Find their rates of walking.

5. Solve the following equations:

$$(1) \frac{6x + 9}{2x + 1} - \frac{2x + 38}{x = 12} = 1$$

$$(2) \frac{5}{x-2} - \frac{4}{x} = \frac{3}{x+6}$$

(3) 
$$\begin{cases} x^3 - y^3 = 127 \\ x^2y - xy^2 = 42 \end{cases}$$

6. The perimeter of one square exceeds that of another by 100 feet; and the area of the larger square exceeds three times the area of the smaller by 325 square feet; find the length of the sides.

7. Prove (1) 
$$a^{\circ} = 1$$

$$(2) a^m \times a^n = a^m + n$$

$$\frac{m}{(3)} = \sqrt[n]{a^{m}} = \sqrt[n]{a^{m}}$$

$$\sqrt{6} - 2\sqrt{7}$$

$$3\sqrt{\frac{6}{6} + 2\sqrt{7}}$$

8. A merchant who sold goods at an average profit of 12 p.c. made a profit of \$2,814 in a year. What was the amount of his sales?

9. The floor of an assembly hall is 70 feet long and 55 feet wide. How long will the line be that will divide it into two right-angled triangles.

10. Find the difference between the simple and compound interest on \$1,500 for 5 years at 6 p.c.

11. Find the area of the floor of question 9 in square metres.

#### Latin.

WEDNESDAY, SEPTEMBER 11TH:-MORNING, 9 TO 12.

#### I. Translation from Prescribed Authors.

Candidates for Matriculation will do any two of A, B and C, and D or E; Candidates for Exhibitions will do any two of A, B and C, D or E, and F or G.

#### A. CAESAR, BK. I.

Dum haec in colloquio geruntur, Caesari nuntiatum est equites Ariovisti propius tumulum accedere et ad nostros adequitare, lapides telaque in nostros conicere. Caesar loquendi finem facit, seque ad suos recepit suisque imperavit ne quod omnino telum in hostes reicerent. Nam etsi sine ullo periculo legionis delectae cum equitatu proelium fore videbat, tamen committendum non putabat ut pulsis hostibus dici posset eos ab se per fidem in colloquio circumventos. Posteaquam in vulgus militum elatum est, qua arrogantia in colloquio Ariovistus usus omni Gallia Romanis interdixisset, impetumque in nostros eius equites fecissent, eaque res colloquium ut diremisset, multo maior alacritas studiumque pugnandi maius exercitui iniectum est.

Account for the case, or mood and tense, of the following: geruntur, tumulum, reicerent, videbat, committendum, elatum est, arrogantia, omni Gallia, Romanis, exercitui.

#### B. CAESAR, BK. II.

Ubi vero moveri et appropinquare moenibus viderunt, nova atque inusitata specie commoti legatos ad Caesarem de pace miserunt, qui ad hunc modum locuti: Non existimare Romanos sine ope divina bellum gerere, qui tantae altitudinis machinationes tanta celeritate promovere et ex propinquitate pugnare possent, se suaque omnia eorum potestati permittere dixerunt. Unum petere ac deprecari: si forte pro sua clementia ac mansuetudine, quam ipsi ab aliis audirent, statuisset Aduatucos esse conservandos, ne se armis despoliaret. Sibi omnes fere finitimos esse inimicos ac suae virtuti invidere, a quibus se defendere traditis armis non possent. Sibi praestare, si in eum casum deducerentur, quamvis fortunam a populo Romano pati quam ab his per cruciatum interfici inter quos dominari consuessent.

Account for the construction of moenibus, locuti, altitudinis, audirent, despoliaret, virtuti, armis, deducerentur, pati, consuesset.

#### C. CAESAR, BK. III.

Quo proelio bellum Venetorum totiusque orae maritimae confectum est. Nam cum omnis inventus, omnes etiam gravioris aetatis, in quibus aliquid consilii aut dignitatis fuit, eo convenerant, tum navium quod ubique fuerat in unum locum coegerant; quibus amissis reliqui neque quo se reciperent neque quemadmodum oppida defenderent habebant. Itaque se suaque omnia Caesari dediderunt. In quos eo gravius Caesar vindicandum statuit, quo diligentius in reliquum tempus a barbaris ius legatorum conservaretur. Itaque omni senatu necato reliquos sub corona vendidit.

Account for the case, or mood and tense, of the following words: proelio, aetatis, consilii, reciperent, defenderent, eo, navium, vindicandum, conservaretur, necato.

D. VIRGIL, BK. I.

Haec dum Dardanio Aeneae miranda videntur, dum stupet, obtutuque haeret defixus in uno, regina ad templum, forma pulcherrima Dido, incessit, magna iuvenum stipante caterva.

Qualis in Eurotae ripis, aut per iuga Cynthi exercet Diana choros, quam mille secutae hinc atque hinc glomerantur Oreades: illa pharetram fert humero, gradiensque deas supereminet omnes; Latonae tacitum pertentant gaudia pectus: talis erat Dido, 'talem se laeta ferebat per medios, instans operi regnisque futuris.

- (a) Scan the first two lines:
- (b) Write a brief note on the following words or phrases: Tyrrhenum aequor, Syrtes, Cercalia arma, Punica regna, Penates, Oenotri viri, relliquias Danaum, et ves celebrate faventes, urbem Patavi, rapti Ganymedis honores.

#### E. VIRGIL, BK. II.

Hic mihi nescio quod trepido male numem amicum confusam eripuit mentem. Namque avia cursu dum sequor, et nota excedo regione viarum, heu! misero coniunx fatone erepta Creüsa substitit, erravitne via, seu lassa resedit, incertum; nec post oculis est reddita nostris. Nec prius amissam respexi, animumve reflexi, quam tumulum antiquae Cereris sedemque sacratam venimus. Hic demum, collectis, omnibus, una defuit, et comites, natumque, virumque fefellit.

- (a) Scan the third and fourth lines.
- (b) Write a brief note on the following words or phrases: Tenedos, donum exitiale Minervae, Palladium, intonuit laevum, Tritonia, Sigea freta, Erinys, gemini Atridae, Scyria pubes, Lucifer.

#### F. HORACE, ODES, I.

Post ignem aetheria domo subductum macies et nova febrium terris incubuit cohors, semotique prius tarda necessitas leti corripuit gradum.

Expertus vacuum Daedalus aera pennis non homini datis; perrupit Acheronta Herculeus labor.

- (a) Give the several myths alluded to in these lines.
- (b) Scan the last line, and note any peculiarities of metre.
  - 2. Nuper sollicitum quae mihi taedium, nunc desiderium curaque non levis, interfusa nitentis vites aequora cycladas.
  - Nunc est bibendum, nunc pedé libero pulsanda tellus, nunc Saliaribus ornare erat dapibus, sodales. tempus erat dapibus, sodales.
- (a) Give the outline of the thought of the two odes from which extracts 2 and 3 are taken.
  - (b) What is the date of the composition of each of these two odes?
  - (c) Describe the metre of the last two extracts.

#### G. CICERO, CATILINE, I, II.

Haec si tecum, ut dixi, patria loquatur, nonne impetrare debeat, etiam si vim adhibere non possit? Quid, quod tu te ipse in custodiam dedisti? quod vitandae suspicionis causa, ad M.' Lepidum te habitare velle dixisti? a quo non receptus etiam ad me venire ausus es, atque ut domi te adservarem rogasti. Cum a me quoque id reponsum tulisses, me nullo modo posse isdem parietibus tuto esse tecum, quo magno in periculo essem quod isdem moenibus contineremur, ad Q. Metellum praetorem venisti.

- (a) Account carefully for the use of each subjunctive in this passage.
  - (b) Remark on the meaning of the phrase in custodiam dedisti.
- (c) Give the rule of Syntax for the construction of domi meae, parietibus, and moenibus.

O fortunatam rem publicam, si quidem hanc sentinam urbis eiecerit! Uno (m ehercule) Catilina exhausto, levata mihi et recreata res publica videtur. Quid enim mali aut sceleris fingi aut cogitari potest quod non i lle conceperit? Nemo non modo Romae, sed ne ullo quidem in angulo totius Italiae oppressus aere alieno fuit, quem non ad hoc incredibile sceleris foedus asciverit. Atque ut eius diversa studia in dissimili ratione perspicere possitis, nemo est in ludo gladiatorio paulo ad facinus audacior qui se non intimum Catilinae esse fateatur; nemo in scaena levior et nequior, qui se non eiusdem prope sodalem fuisse commemoret.

Write brief notes on: Carcer Tullianum, custodiae vigiliaeque, colon; munîcipesque, prid, kalendas Januarias, Juppiter Stator, patres conscripti, Palatium.

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#### II. Translation at Sight.

Candidates for Matriculation will translate A; Candidates for Exhibitions, A and B,

A.

#### CICERO TREBATIO

Ego te commendare non desisto, sed quid proficiam ex te scire cupio. Spem maximam habeo in Balbo, ad quem de te diligentissime et saepissime scribo. Illud soleo mirari, non me totiens accipere tuas litteras quotiens, a Quinto mihi fratre adferantur. In Britannia nihil esse audio neque auri neque argenti. Id si ita est essedum aliquod capias suadeo et ad nos quam primum recurras. Sin autem sine Britannia tamen adsequi quod volumus possumus, perfice ut sis in familiaribus Caesaris. Multum te in eo frater adiuvabit meus, multum Balbus, sed mihi crede, tuus pudor et labor plurimum. Imperatorem habes liberalissimum aetatem opportunissimam, ut tibi unum timendum sit, ne ipse tibi defuisse videare.

B

Olim, quas vellent esse in tutela sua, divi legerunt arbores, quercus Iovi, at myrtus Veneri placuit, Phoebo laurea, pinus Cybebae, populus celsa Herculi.

Minerva admirans, quare steriles sumerent, interrogavit. causam dixit Juppiter:
'honorem fructu ne videamur pendere.'
'at, mehercules, narrabit quod quis voluerit: oliva nobis propter fructum est gratior' tunc sic deorum genitor atque hominum sator:
'O nata, merito sapiens dicere omnibus! nisi utile est quod facimus, stulta est gloria.'
Nihil agere, quod non prosit, fabella admonet.

#### Latin.

WEDNESDAY, SEPTEMBER 11TH:-AFTERNOON, 2 TO 5.

#### I. Latin Grammar

Candidates for Matriculation may omit 8, 9, 11 and 12; Candidates for Exhibitions may omit 1, 3 and 7.

1. Decline together magnus clamor, omne genus, vir. sapiens, summa quereus, haec avis, alter pes.

2. Give the Gender, the Ablative Singular and Genitive Plural of navis, senex, nox, vis, animal, domus, dies.

- 3. Give the Comparative and Superlative of felix, pauper, magnificus, malus, iuvenis.
- 4. Write down the Latin for eighteen, 50th, 1000 men, 2000 men, in the year 1882, one epistle, two epistles.
- 5. Give the principal parts of capio, patior, gaudeo, pello, augeo, gigno sentio, posco, obliviscor, hacreo.
- 6. Give the 1 Per. Sing. Pres. Subj. of co, moneo, scribo, vereor, miror. 3 Per. Pl. Perf. Indic. Act. of capio, cresco, scribo, iuvo. Pres. and Fut. Imperative Act. and Pass. of audio. 2 Per. Sing. Imperf. Pass. of rego, vincio, veto, moneo.
- 7. Name the prepositions which govern the Ablative. Which of these is regularly placed after its case? Which occasionally?
- 8. Give examples in Latin of (a) Accus. of Limit of Motion, (b) Greek Accusative, (c) Intransitive Verbs used in the Passive, (d) Ethical Dative, (e) Oppositional Genitive, (f) Ablative of Accompaniment, (g) Substantive Clause of Result, (h) Indirect Double Question.
  - 9. Name the Particles which are always or regularly post-positive.
- 10. Mark by the usual sign all the long vowels in the following words:—triginta, fere, bene, nolis, proficisci, quamvis, infans, dici, fieri, totius, mihi.
- 11. Express in Latin the following dates: Jan. 25; Mar. 4; Sept. 10; B.C. 63.
- 12. (a) What is the difference between an English and Roman mile? (b) Explain the following grammatical terms:—Brachylogy, Hendiadys Pleonasm, Protasis, Zeugma.

#### II. Latin Prose Composition.

Candidates for Maticulation will do the first six only.

- 1. Tell me why you are afraid.
- 2. We were sent to ask for peace.
- 3. Now they were ready for braving all dangers.
- 4. When they attempted to cross the Rhone, Caesar set out from Rome.
- 5. So popular was he with the soldiers, that they gladly followed him.
- 6. (To be done first in Oratio Recta, then in Oratio Obliqua.) He said that he had ten legions ready; moreover, he had ascertained that Caesar was unpopular with the soldiers, and that they could not be persuaded to follow him. He urged that troops should be levied throughout Italy, that Sulla should be sent to Sicily, that money should be given to Pompeius to carry on the war. (Or. Rect., I have ten legions ready, etc.)
- 7. They sailed from Palos, August 3. It took them a month to reach the Canary Islands; but after they had passed those, and found

themselves on the lonely ocean at night, many of the sailors wept and declared they never should return. Columbus quieted them, and they sailed on day by day, sometimes hopeful, and sometimes mutinous. Once the sailors plotted to throw Columbus overboard. Often they thought they saw signs of land; once they were sure of it, and it proved only a cloud. Finally one evening at ten o'clock Columbus saw a light glimmering across the water, and the next morning from one of the smaller vessels was heard the signal agreed upon for "making land."

#### Greek Authors

WEDNESDAY, SEPTEMBER 18TH: -- MORNING, 10 TO 12.

Candidates should write on A (1) or A (2).

In addition to translation, notes are required on words and phrases underlined, including full parsing of nouns and weeks.

## A (1) XENOPHON, ANABASIS.

- (a) Εκάλεσε δε καὶ τοὺς Μίλητον πολιορκοῦντας, καὶ τοὺς φυγάδας ἐκέλευσεσὺν αὐτφ στρατεύεσθαι, ὑποσχόμενος αὐτοῖς, εἰ καλῶς καταπράξειεν ἐφ΄ ἄ ἐστρατευετο, μὴ πρόςθεν παύσεσθαι πρὶν αὐτούς καταγάγοι οἴκαδε.
- (β) ἔνθα δὴ μέρος τι τῆς εὐταξίας ἢν θεάσασθαι. ἡψαντες γὰρ τοὺς πορφυροῦς κάνδυς ὅπου ἔτυχεν ἐκας ἐστηκώς, ἵεντο ἄςπερ ἀν δράμοι τις περὶ νίκης καὶ μάλα ατὰ πρανοῦς γηλόφου, ἔχοντες τούς τε πολυτελεῖς χιτῶνας καὶ τὰς ποικίλας ἀναξυρίδας, ἔνιοι δὲ καὶ στρεπτοὺς περί τοῖς τραχήγοις καὶ ψέλια περὶ ταῖς χερσίν εὐθὺς δὲ σὺν τούτοις εἰσπηδήσαντες εἰς τόυ πηλόν θᾶττον ἤ ὡς τις ἀν ἀετο μετεώρους ἐξεκόμισαν τὰς ἀμάξας.
- (γ) καὶ γὰρ ἢδει αὐτὸν ὅτι μέσον ἔχοι τοῦ Περσικοῦ στρατεύματος. καὶ πάντες δ' οἱ τῶν βαρβάρων ἄρχοντες μέσον ἔχοντες τὸ αὐτῶν ἡγοῦνται, νομίζοντες οῦτω καὶ ἐν ἀσφαλεστάτω εἶναι, ἡν ἢ ἡ ἰσχὺς αὐτῶν ἐκατέρωθεν, καὶ εἴ τι παραγγεῖλαι χρήζοιεν, ἡμίσει ἃν χρόνω αἰςθάνεσθαι τὸ στράτευμα.

- A (2) Xenophon, Anabasis II.
- (a) καὶ εἴ τις αὐτῷ δοκοίη τῶν πρὸς τοῦτο τεταγμένων βλακεύειν, ἐκλεγόμενος τὸν ἐπιτήδειον ἔπαισεν ἄν, και ἄμα αὐτὸς προσελάμβανεν εἰς τὸν τηλὸν ἐμβαίνων ὥςτε πᾶσιυ αἴσχύνην εἶναί μὴ οὐ συσπουδάζειν.
  - (β) οὐ μὲν δὴ ὰν μάχεσθαί γε δέῃ ἰππεῖς εἰσων ἡμῖν σύμμαχοι, τῶν δε πολεμίων ἱππεῖς εἰσων οἱ πλεῖστοι καὶ πλείστον ἄξιοι· ὥστε νικῶντες μὲυ τίνα ὰν ἀποκτείναιμεν; ἡττωμένων δὲ οὐδένα οἰόν τε σωθῆναι. ἐγὼ μὲν οῦν βασιλέα, ῷ οὕτα πολλά ἐστι τὰ σύμμαχα, εἴπερ προθυμεῖται ἡμᾶς ἀπολέσαι, οὐκ οῖδα ὅ, τι δεῖ αὐτὸν ὀμὸσαι καὶ δεξιὰν δοῦναι καὶ θεοὺς ἐπιορκῆσαι καὶ τὰ ἕαυτοῦ πιστὰ ἄπιστα ποιῆσαι Ἑλλησι τε καὶ βαρβάροις.
- (γ) καὶ γὰρ οὖν θιλία μέν καὶ εὐνοία ἐπομένους οὐδέποτε εἶχεν·
  οἴτινες δὲ ἢ ὑπο πόλεως τεταγμένοι ἢ ὑπὸ τοῦ δεῖσθαι ἢ ἀλλη
  τινὶ ἀνάγκη κατεχόμενοι ππρείησαν αὐτῷ, σθόδρα πειθομένοις
  ἐχρῆτο. ἐπεὶ δέ ἄρξαιντο νικᾶν σῦν ἀὐτῷ τοὺς πολεμίους, ἤδη
  μεγάλα ἢν τὰ χρησίμους ποιοῦντα εἶναι τοὺς σὺν αὐτῷ στρατιώτας·

# Greek, Grammar, Composition, Higher Translation at Sight and Higher Composition.

WEDNESDAY, SEPTEMBER 18TH: -AFTERNOON, 2 TO 5.

- A. 1. Give accusative Singular and Dative Plural of: πατήρ, ναῦς, πῶς (all genders), λεώς, λέων, χάρις, ἐλπίς, πόλις, πολύς (all genders).
  - 2 Give comparative and superlative of  $\pi\rho\delta\theta\nu\mu\rho\sigma$ ,  $\epsilon\chi\theta\rho\delta\sigma$ ,  $\epsilon\tilde{\nu}$ ,  $\sigma\dot{\omega}\phi\rho\omega\nu$ .

- 3 Give 3rd plural perf. ind. pass; 2nd sing. imperf. mid; 1st plur. aor. ind. act; 2nd plural fut. ind mid.; Dat. plur. masc. aor. part. pass; perfect int act; of νικάω, καθίστημι, τρέφω, αἰρέω
- 3. With what cases are the following propositions used, and with what differences of meaning: μετά, ἐπί, πρός κατά?

## B. Translate into Greek:

- 1. The whole army crossed the river.
- 2. They called together the King's own army.
- 3. I saw that many things had to be done by me.
- 4. Hearing this, the same soldiers were unwilling to obey their generals.
- 5. He said that they ought to guard against the Persian cavalry.
  - G. It is not possible to obtain supplies thence.
- 7. We will send messengers bearing letters to all who
- 8. He made them rulers of the cities which he had captured.

#### French.

MONDAY, SEPTEMBER 16TH: - MORNING, 9 TO 12.

- I. Translate into good English (at sight).
- 1. IMPRÉCATIONS DE CAMILLE,

Rome, l'unique objet de mon ressentiment!
Rome à qui vient ton bras d'immoler mon amant!
Rome qui t'a vu naître, et que ton cœur adore!
Rome enfin que je hais, parce qu'elle t'honore!
Puissent tous ses voisins, ensemble conjurés,
Saper ses fondements, encor mal assurés!
Et, si ce n'est assez de toute l'Italie,

Que l'Orient contre elle à l'Occident s'allie!
Que cent peuples, unis des bouts de l'univers,
Passent, pour la détruire, et les monts et les mers!
Qu'elle-même sur moi renverse ses murailles,
Et de ses propres mains déchire ses entrailles!
Que le courroux du Ciel, allumé par mes vœux,
Fasse pleuvoir sur elle un déluge de feux!
Puissé-je de mes yeux y voir tomber la foudre,
Voir ses maisons en cendre et tes lauriers en poudre,
Voir le dernier Romain à son dernier soupir,
Moi seule être cause, et mourir de plaisir!

CORNEILLE.

" Au golfe Juan, le 1er mars, 1815.

2. "Napoléon, par la grâce de Dieu et les constitutions de l'empire: Empereur des Français, etc., etc.

#### A L'ARMÉE.

"Soldats!

"Nous n'avons pas été vaincus! Deux hommes sortis de nos rangs ont trahi nos lauriers, leur pays, leur prince, leur bienfaiteur.

"Ceux que nous avons vus pendant vingt-cinq ans parcourir toute l'Europe pour nous susciter des ennemis; qui ont passé leur vie à combattre contre nous dans les rangs des armées étrangères en maudissant notre belle France, prétendraient-ils commander et enchaîner nos aigles, eux qui n'ont jamais pu en soutenir les regards? Souffrirons-nous qu'ils héritent du fruit de nos glorieux travaux? Qu'ils s'emparent de nos honneurs, de nos biens; qu'ils calomnient notre gloire? Si leur règne durait, tout serait perdu, même le souvenir de ces immortelles journées!

"Avec quel acharnement ils les dénaturent, et cherchent à empoisonner ce que le monde admire! S'il reste encore des défenseurs de notre gloire, c'est parmi ces mêmes ennemis que nous avons combattus sur le champ de bataille

"Soldats! dans mon exil j'ai entendu votre voix. Je suis arriv? à travers tous les obstacles et tous les périls.

"Votre général, appelé au trône par le choix du peuple et élevé sur vos pavois, vous est rendu: venez le joindre. "Arrachez ces couleurs que la nation a proscrites et qui, pendant vingt-cinq ans, servirent de ralliement à tous les ennemis de la France. Arborez cette cocarde tricolore; wous la portiez dans nos grandes journées.

II. Translate into French (at sight).

#### A VISIT TO LONDON.

It is eight years since I was in London. London was not then as big as it is now, but it was already beyond dispute (sans question) the largest town in the world and the richest; in my opinion it was also and still is more interesting than any other European capital. Paris has perhaps more memories. Rome is immensely rich in antiquities, but London has a charm of its own, which one does not understand at first sight, but which reveals itself to those who have open minds.

I wish I had kept more time for the galleries, the *National* is so full of great and interesting paintings by the masters of the last four centuries, that one could profitably spend a month in ranging through its rooms. I do not wish to say that if I had a month at the present time, I should devote the whole of it to pictures. I think that it is much more profitable to bestow a day here and a day there on art than to give oneself up to it entirely for a longer period.

III. 1. State the rules for the agreement of the past participle in the case of verbs which take the auxiliary avoir.

2. Replace by any appropriate simple tense the following infinitives in italics:

Alexandre mourir à la fleur de l'âge. Eve cueillir et manger du fruit défendu. Nous partir de grand matin, nous parcourir le bois, nous cueillir des noisettes, vous survenir, nous tressaillir de joie, nous partager notre récolte. Alexandre et Napoléon concevoir et exécuter de grandes choses.

3. When are vingt and cent variable, and when invariable? Give examples.

4. Correct the following sentences, giving reasons for corrections:

- (a) Je veux que vous faites ce travail.
- (b) L'enfant doit respecter et obéir à ses parents.
- (c) Religion prêche charité à tous hommes.

#### German.

MONDAY, SEPTEMBER 16TH: -AFTERNOON, 2 TO 5.

## I. Translate into good English :-

Pfui!" fagte sie erschrocken, "was ist das für ein alter, garstiger Rosser; mit dem darf man sich gar nicht einlassen!" Wenn sie später Jemand nach dem Rosser fragte, mit dem ihr Herr so geheim thue, und ob nicht irgend etwas Besonderes daran sei, erwiderte sie: es sei gar nichts an dem alten Koffer und darin noch weniger Jeder Mensch habe seine Cigenheiten, besonders was alte, unverseiratete Leute seien. Ihr Herr habe nun einmal sein Herz an den alten struppigen Koffer gehängt; weiter sei es nichts.

Aber es war doch etwas Besonderes in dem Koffer. Denn zuweilen riegelte der alte Herr vorsichtig sämmtliche Zimmerthüren zu, druckte auf die geheime Feder, so dat der Deckel aufsprang, horchte dann noch einmal, ob alles drauten still wäre, und wenn er Niemanden hörte, hob er den roten Sammtkasten aus dem Koffer heraus und setze ihn vor sich auf den Tisch. Darauf drückte er aus eine zweite verborgene Feder am Kasten und der rote Sammtdeckel sprang auch auf.

(2) Beiße Stufen führten aus dem todstillen Wasser in eine graße, offen stehende Halle, welche von vielen Säulen von blauem und grünem Krystall mit goldenen Knäusen getragen wurde, und in buntem Gewirr tanzten in dieser Halle eine unzählbare Menge von Irrlichtern um ein besouders hell flackerndes, hoch aus ihrer Mitte hervorschwebendes Flämmchen herum. Da lösten sich plößlich aus dem Gewühl eine Anzahl Irrlichter ab und bildeten zwei Kreise, die wirbelnd aus der Halle hervorstürzten. Und während der eine von ihnen dicht vor den Stusen des Schlosses stehen blieb, nüherte sich der andere rasch und bald erkannte Blaus

änglein zwölf blasse, aber wunderschöne Jungfrauen, welche auf der Stirn goldene Diadenne trugen, an denen sich vorn kleine goldene Schalen erhoben, worin die blauen Flämmchen brannten. In wildem Tanze schwebten sie an Blauäuglein berau und umringten sie; und während aus dem Schlosse einezanberische Musik erklang, sangen sie:

II. Translate into good English (at sight).

Friz öffnete die Hausthür, rit aber rasch den Hut vom Kops, als er sich plötzlich schou in der Stube des Majors und diesem gegenüber sah. Der alte Herr ging mit auf den Rücken gelegten Händen in seiner Stube auf und ab, blieb aber mitten in seinem Spaziergang stehen und sah sich erstaunt uach der Tchür um. "Ich mut tau sendmal um Entschuldigung bitten, mein Herr," sagte Fritz, erschreckt; "aber ich glaubte nicht, daß die Thür direkt in Ihr Zimmer sührte, und habe einmal erst angeklopst." "Bitte, keine Entschuldigung," sagte der alte Soldat, eine stattliche Gestalt mit schneeweißem Bart; "wünschen Sie mich zu sprechen nud mit was kann ich Ihnen dienen?"

## III. Translate into German :-

- (1) I beg your pardon, sir; I hope I have not in my haste given you the other gentleman's hat.
- (2) The princess thought the whole morning about the song she had heard.
- (3) I do not know what I should have done, if I had not thought of you
- (4) The battle of Bunker Hill was fought on the 17th of June, 1775.
- (5) Allow us one prayer, said the geese, that we die not in our sins; afterwards we will stand in a row that you may pick out the fattest.

- (6) That is the curse of kings, that they, divided, tear the world asunder.
- (7) An old man, who journeyed to America in his youth, married there, brought up a large family, and in his old age went back to Germany and died here recently.
- (8) Dear Mother,—Uncle Charles was here yesterday evening and brought me your letter with the money. I thank you for it very much. May I give some of it to Hans? But you don't know my new friend yet. We live near each other, and go to school together. Hans often helps me with my work, and I help him when we play (at) soldiers and make war on the other boys. They made me general lately. But it is not true, dear mamma, that I have been lazy this year. I have done my lessons every day, but the teacher often puts us very hard questions that none of us can answer, except Hans and one or two others.
- IV. (1) Compose good German sentences containing (a) the adverbs am besten, aufs beste; (b) an inseparable compound verb, a separable compound verb; (c) the genitive of any relative pronoun; (d) a verb in the passive voice (e) a conditioned subjunctive; (f) an instance of transposed order, of inverted order.
- V. Give the principal parts of the following verbs: let, command, hew, seize, suffer, lose, recommend, bring, r, request, hide, eat, fall, come, burn, run, call, measure, whistle, do.

#### Chemistry.

TUESDAY, SEPTEMBER 17TH: -MORNING, 9 TO 12.

- 1. How may Nitrogen be obtained from the air? What are its properties? Name four chemical compounds of which it is a constituent.
- 2. How is Hydrogen Dioxide prepared? What is its most striking property?

- 3. If you wished to obtain 100 litres of Oxygen gas, how many grains of Potassium Chlorate would you employ?
- 4. What takes place when Nitric Acid and Caustic Soda are brought together? Write the equation.
- 5. What do you understand by Allotropism? Give several examples.
- 6. How would you prepare Carbon Monoxide? What are its properties? Why is it called a reducing agent?
- 7. What elements constitute the Chlorine Family? Describe briefly the preparation and properties of one member of the family.
- 8. How is Hydrogen Sulphide prepared? What are its properties? What its principal use?
- 9. Write equations illustrating the changes that take place (a) when Calcium Carbonate is dissolved in Hydrochloric Acid, and (b) when Ammonium Nitrate is heated.
- 10. What reagents would you employ if you wished to dissolve each of the following substances:—Copper, Zinc, Gold, Sulphur, Iodine?

#### Physics.

TUESDAY, SEPTEMBER 17TH:—AFTERNOON, 2 TO 3.30.

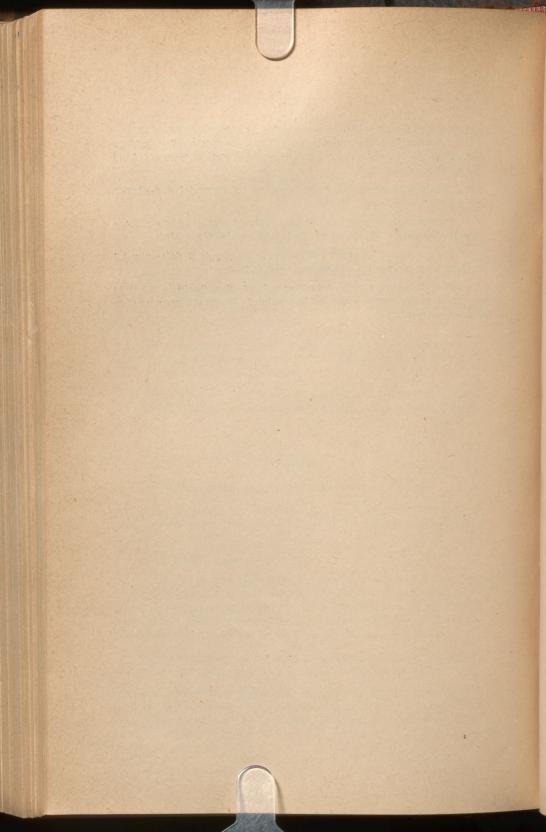
- 1. What is meant by the "law of gravitation"? Does a given mass of substance weigh the same at all points of the earth's surface?
  - 2. State Boyle's Law.

A long U-shaped glass tube is filled with mercury to a certain height and one end is then closed. Mercury is then poured in the other limb until the volume of the air is changed from 15 to 10 inches of the tube. Find the difference in level between the mercury in the two tubes, give the height if the mercury barometer is 30 inches.

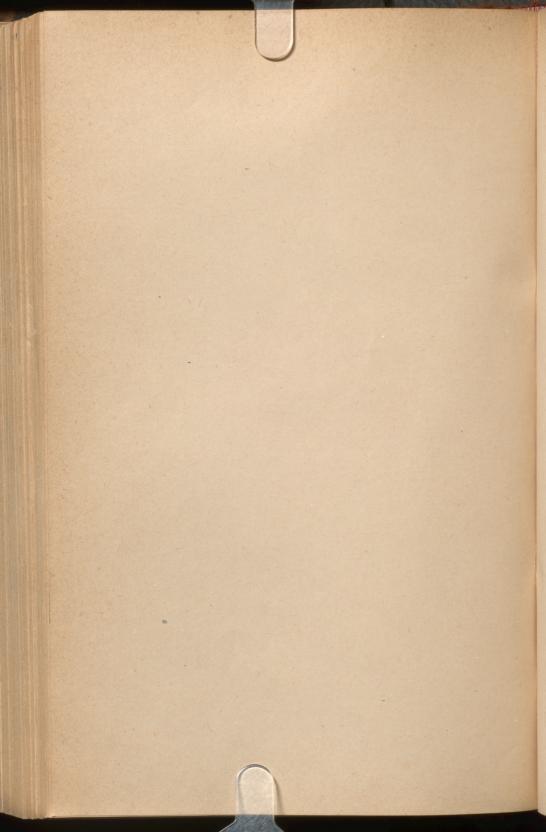
3. Define the specific gravity of a substance. Explain the method of finding the specific gravity of a solid that floats in water.

A solid lighter than water and weighing 20 gr. in air is fastened to a piece of metal and both together weigh 32 gr. in water. Find the specific gravity of the light solid, given the piece of metal weighs 40 gr. in water.

- 4. What is meant by the "acceleration due to gravity."
- A cannon ball, fired horizontally from the deck of a ship 20 feet above the water, strikes a floating target 2,300 ft. away. Find the velocity of the shot.
- 5. Explain with examples what is meant by potential and kinetic energy.
- 6. Explain clearly how you would construct and graduate a mercury thermometer. Reduce 100° F. to the centigrade scale.
- 7. What is meant by the "dew point" and how is it determined? Explain why the air in a Canadian winter is dry.
- 8. What is meant by the "boiling point" of a liquid? What is the effect of pressure on the boiling point? Illustrate your answer with experiments.







# McCill Aniversity.

## FACULTY OF MEDICINE.

SESSION 1901-1902.

## HONOUR AND CLASS LISTS.

The total number of students registered in the Faculty of Medicine for the Session 1901-1902 was made up as follows:—

First Year	112
Second Year	115
Third Year	117
Fourth Year	96
	440
Graduates in attendance	15
Total	455
Of whom there were from	
Ontario	140
Quebec	142
New Brunswick	49
Prince Edward Island	20
United States	42
West Indies	7
Newfoundland	6
Nova Scotia and Cape Breton	28
British Columbia	18
Manitoba and North-West Territories	2
Ireland	1
	-
	The same of

## Final Year.

#### PRIZE LIST.

HOLMES GOLD MEDAL, for highest aggregate in all subjects forming the Medical Curriculum.

R. McL. VANWART, B.A., of Fredericton, N.B.

FINAL PRIZEMAN, for highest aggregate in the Fourth Year subjects.

W. A. GARDNER, B.A., of Huntingdon, Que.

#### FOURTH YEAR.

## HONOURS IN AGGREGATE OF ALL SUBJECTS.

- VanWart, R. McL., B.A. 5. Christie, F. J.
- VanWart, R. McL., B.A.
   Gardner, W. A., B.A.
   Mason, J. LeD.
- 3. Dixon, J. D., B.A. 7. Forster, J. F. C.
- 4. Manchester, J. W.

#### SURGERY-HONOURS.

- 1. VanWart, R. McL., B.A. 11. Paterson, R. C., B.A.
- 2. Christie, F. J. 12. MacKinnon, G. E. L.
- 3. Gardner, W. A., B.A. 13. Halliday, J. LeR.
- 4. Morse W. R., B.A. Campbell, J. A. E., B.A.
  - . Moffat, Geo. Forster, J. F. C. Campbell, A. 16. Byers, J. R.
- 7. Colby, J. C., B.A. 17. Mason, J. LeD. Dixon, J. D., B.A. 18. Manchester, J. W.
- 9. McGibbon, S. Johnson, J. A., B.A. Ship, M. L., B.A.

## MEDICINE AND CLINICAL MEDICINE.

#### HONOURS.

- 1. VanWart, R. McL., B.A. 7. Paterson, R. C., B.A.
- 2. Gardner, W. A., B.A. 8. Manchester, J. W.
- Dixon, J. D., B.A.
   Campbell, J. A. E., B.A.
   Campbell, A.
- 4. Campbell, J. A. E., B.A. 10. Campbell, A. 5. Stockwell, H. K., 11. Colby, J. C., B.A.
- 6. Byers, J. R.

## CLINICAL SURGERY-HONOURS.

VanWart, R. McL., B.A. 1. 9. Anthony, T. B. Moffatt, Geo. 2. McGibbon, D. 3. Forster, J. F. C. Manchester, J. W. Mason, J. LeD., B.A. Morse, W. R., B.A. 5. Campbell, A. Christie, F. J. 13. MacKinnon, G. E. L. Jones, N. C., B.A.

## OPHTHALMOLOGY AND OTOLOGY-HONOURS.

1. Gardner, W. A., B.A. 5. Dixon, W. E., B.A. 2. Eastman, E. B. 6. Green, F. W. Manchester, J. W. 7. Paterson, R. C., B. A. 4. Byers, J. R. 8. Walker, H., Jr., B. A.

## PRACTICAL PATHOLOGY-HONOURS.

1. VanWart, R. McL., B.A. 6. Baillie, S. A., B.A. 2. Dixon, J. D., B.A. Campbell, J. A. E., B.A. 3. Manchester, J. W. Morse, W. R., B.A. Mason, J. LeD., B.A. 4. 9. Peters, O. R. 5. Mothersill, G. S. 10. Walker, H., Jr., B.A. MacLaren, A. H., B.A. 11. 12.

#### GYNAECOLOGY-HONOURS.

Gardner, W. A., B.A.

1. VanWart, R. McL., B.A. 14. Colby, J. C., B.A. 2. Dixon, J. D., B.A. Forster, J. F. C. 3. Walker, H. Jr., B.A. McKenzie, J. B., B.A. 4. Pickard, L. N. Manchester, J. W. 5. Gardner, W. A., B.A. Moffatt, G. 6. McGibbon, S. 20. Peters, O. R. 7. Harris, L. C. 21. Dorion, W. A. 8 Paterson, R. C., B.A. 22. Christie, F. J. 9. Campbell, J. A. E. 23. Leney, J. M., B.A. Mason, J. LeD., B.A. Ship, M. L., B.A. 11. Anthony, T. B. 25. Hopkins, C. W. Folkins, H. G. 26. McGibbon, D. McNeill, J. F. Smith, T. W. 14. Hyatt, E. A., B.Sc.

#### OBSTETRICS-HONOURS

- 1. VanWart, R. McL., B.A. 3. Smith, T. W.
- 2. Hopkins, C. W.

7.

Gardner, W. A., B.A. Hart, F. W., B.A.

## PASS LIST.

#### FINAL SUBJECTS.

The following gentlemen, 82 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M., from the University. In addition to the primary subjects they have passed a satisfactory examination, both written and oral, in the following subjects:—Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Pharmacology and Therapeutics, Medical Jurisprudence, Practical and General Pathology, Bacteriology and Hygiene; and also clinical examinations in Medicine, Surgery, Obstetrics, Gynæcology and Ophthalmology conducted at the bedside in the hospital:—

Ames, C. A Field, B.C.
Anthony, T. B Berwick, N.S.
Baillie, S. A., B.A Troy, N.Y.
Blair, H. G. F Ashton, Ont.
Brennan, F. A St. Albans, Vt., U.S.A.
Byers, J. R
Campbell, A Souris W., P.E.I.
Campbell, J. A. E., B.A Westmount, Que.
Cantlie, F. P. L Montreal, Que.
Carter, W. LeM., B.A Quebec City, Que.
Christie, F. J Martintown, Ont.
Codrington, R. F Montreal, Que.
Colby, J. C., B.A Stanstead, Que.
Coleman, C. E
Cox, R. B
Crozier, J. A
Cullen, W. H Montreal, Que.
Curren, L. M Springfield, N.B.
Currie, W. D., B.A
Dixon, J. D., B.A Montreal, Que.
Dixon, W. E., B.A
Eastman, E. B
Evans, S Ottawa, Ont.
Featherston, H. C
Folkins, H. G Millstream, N.B.

Forster, J. F. C Dorchester, N.B.	
Gardiner, R. J Smith's Falls, Ont.	
Gardner, W. A., B.A Huntingdon, Que.	
Green, F. W Picton, N.S.	
Halliday, J. LeR Sawyerville, Que.	
Harris, L. C Moncton, N.B.	
Hart, F. W., B.A Sackville, N.B.	
Harvie, S. K., B.A Newport, N.S.	
Henry, C. M Palmer, S.D., U.S.A.	
Hollingsworth, J. E Ottawa, Ont.	
Hopkins, C. W	
Hyatt, E. A., B.Sc Dickinson Centre, N.Y., U.S.A	
Irwin, F Shelbourne, N.S.	
Johnson, J. A., B.A Lachine, Que.	
Johnson, G. R., B.A	
Jones, N. C., B.A	
Leney, J. M., B.A	
Lidstone, A. E	
Lomas, A. J	
MacCarthy, F. H Ottawa, Ont.	
MacKinner C. F. J	
Mackinnon, G. E. L Alexandria, Ont.	
MacNayaktan J. L	
MacNaughton, J. A Salisbury, N.B.	
McGibbon, D	
McGroth B. H.	
McGrath, R. H Dorchester, N.B.	
McKee, W. E Coaticooke, Que.	
McKenzie, J. B., B.A Campbellton, N.B.	
McNeill, J. F Kensington, P.E.I.	
Manchester, J. W St. John, N.B.	
Martin, H. E	
Mason, E. G	
Mason, F. C Plattsburg, N.Y.	
Mason, J. LeD., B.A Montreal, Que.	
May, L. W Ottawa, Ont.	
Menzies, J. E New Bedford, Mass., U.S.A.	
Moffatt, Geo Inkerman, Ont.	
Morrison, J. F Copleston, Ont.	
Morse, W. R., B.A Laurencetown, N.S.	
Mothersill, G. S Ottawa, Ont.	
Palmer, G. H Dorchester, N.B.	
Paterson, R. C., B.A Montreal, Que.	

Peters, O. R
Pickard, L. N
Pratt, C. M St. John, N.B.
Montreal Que.
Ritchie, C. F. P., B.A Montreal, Que.
Roberts, A. B Lanark, Ont.
Ship, M. L., B.A
Ship, M. L., B.A
Smith, T. W
Stockwell, H. K Danville, Que.
Moose Creek Ont.
Tolmie, J. A
Tracy, E. A., B.A Lancaster, N.H., U.S.A.
VanWart, R. McL., B.A Fredericton, N.B.
VanWart, R. McL., B.A N.V. IISA
Walker, H., Jr., B.A New York, N.Y., U.S.A.
Williams, R. G Meaford, Ont.
Williams, R. G

## THIRD YEAR.

#### PRIZE LIST.

THIRD YEAR PRIZEMAN,

F. S. PATCH, B.A., of Montreal, Que.

SUTHERLAND MEDALLIST.

E. M. McLaughlin, of Winona, Minn., U.S.A.

McLaren, D. D.

Bishop, G. A. Taggart, E. A. Truax, W.

## HONORS IN AGGREGATE OF ALL SUBJECTS.

1. Patch, F. S., B.A. King, Robt., B.A. 8. 2. McLaughlin, E. M. 9. Nelson, W. E. 3. McCulloch, J. M. 10. Elder, Robt., B.A. 4. Parris, N. D. 11. Ells, R. H., B.A. 5. Cowperthwaite, H. H. Anderson, C. W., B.A. 12. Burns, A. S., B.A. 6. Turner, G. H., B.A. 13. 7. English, J. M. 14.

#### HONOURS IN CLINICAL CHEMISTRY.

1. Fortin, C. E. F., B.A. 15. Gale, W. P. Nelson, W. E. Gow, R. J. Parris, N. D. Lamb, W. V. 4. Crosby, P. C. McCulloch, J. M. Cumming, W. G., B.A. Magee, C. F. 6. English, J. M. Patch, F. S., B.A. Frost, A. C. Strong, N., B.A. Kenny, R. W. 22. Campbell, W. G. Morris, S. C. 23. Dickson, A. J., B.A. 10. Langsford, A. W. Elder, R., B.A. Maby, W. J. Lynch, A. L. Townsley, R. H. 26. Chaplin, H. L. S. 13. Anderson, C. W., B.A. Ebbett, P. L. B. 14. Donnelly, W. H. 28. Auston, J. B.

#### HONOURS IN MENTAL DISEASES.

1.	Secord, H. W.
2.	Burns, A. S., B.A
0	Mitchell T E

Mitchell, I. E. 3.

4. Townsley, R. H. McLaughlin, E. M. 5. Patch, F. S., B.A.

Church, H. C. McKechnie, D. W. 8.

Nelson, J. S. 9. Maby, W. J. Elder, Robt., B. A.

Allan, Robt. 12.

Nelson, W. E. 13.

Magee, C. F. 14. Miller, V. L., B.A.

Laurie, E., B.A. 16.

English, J. M. 17.

McEwen, J. R., B.A. 18. McIntosh, J. A.

20. Gilmour, C. R.

Smith, C. M. 21. Cowperthwaite, H. H.

Blakeman, F. W. 23. Rehfuss, W. N., B.A.

Lundie, J. A., B.A. 25. McDonald, R. St. J., B.A. Thomas, S. B.

#### HONOURS IN HYGIENE.

- Ells, R. H., B.A. 1.
- 2. Bishop, L. C.
- Cowperthwaite, H. H. 3. Parris, N. D.
- McLaren, D. D. 5.
- Laurie, E., B.A. 6.

- 7. Burns, A. S., B.A.
- 8. Patch, F. S., B.A.
- McPherson, T., B.A. 9. Shaw, D. LeB.
- 11. Church, H. C.

#### HONOURS IN GENERAL PATHOLOGY.

- Patch, F. S., B.A. 1.
- Burns, A.S., B.A. 2.
- McLaughlin, E. M. 3.
- King, Robt., B.A. 4.
- Turner, G. H., B.A. 5.
- McCulloch, J. M. 6.
- Bishop, L. C. 7. Cowperthwaite, H. H. 18. Macdonald, R. St. J., B.A. Parris, N. D.
- Douglas, F. C. 11. English, J. M.
- Thomas, S. B. 13.
- 14. Elder, Robt., B.A. Magee, C. F.
  - Rehfuss, W. N., B.A. Strong, N., B.A.
  - Anderson, C. W., B. A.

## HONOURS IN OBSTETRICS.

- Horsfall, F. L., B.A.
   King, Robt., B.A.
   Macdonald, R. St. J., B.A.
- 4. Campbell, W. G.
  Cowperthwaite, H. H.
  Turner, G. H., B.A.
- 7. Burns, A. S., B.A.
  Douglas, F. C.
  Patch, F. S., B.A.
- 10. Lamb, W. V.
  Langsford, A. W.
  Lundie, J. A., B.A.
  Lynch, A. L.
- McLaughlin, E. M.
   Mitchell, I. E., B.A.
   Robertson, W. G.
- 17. Cumming, W. G., B.A.

  MacKenzie, W. A.

  Maby, W. J.

  Secord, H. W.

  Strong, N., B.A.

- 22. Freeze, E. H.
  McCulloch, J. W.
  McDiarmid, C. A.
- 25. Ebbett, P. L. B.
  Markson, S.
- 27. Auston, J. B.
  Bishop, L. C.
  McGrath, F. C.
  Montgomery, C. H.
  Parris, N. D.
  Rehfuss, W. N., B.A.
- A. White, S. G.

  Anderson, C. W., B.A.
  McEwan, J. R., B.A.
  Meindl, A. G.
  Shaw, D. LeB.
  Townsley, R. H.
  White, S. G.

#### HONOURS IN CLINICAL SURGERY.

- 1. McLaughlin, E. M.
- 2. Anderson, C. W., B.A. Brooks, J. E., B.A. Church, H. C. Cowperthwaite, H. H. Donnelly, W. H. MacKenzie, W. A. Murray, J. S.
- 9. Chamberlain, H. B. Langsford, A. W. McCulloch, J. M.
- 12. Allum, A. W.
  Bishop, L. C.
  Campbell, W. G.
  Ebbett, P. L. B.
  English, J. M.
  McDiarmid, C. A.
  Parris, N. D.

Thomas, S. B.
Townsley, R. H.

## HONOURS IN PHARMACOLOGY AND THERAPEUTICS.

220			
1. 2. 3. 4. 5	Willmore, J. G. Sellery, A. C. McLaughlin, E. M. McCulloch, J. M. Burns, A. S. Patch, F. S., B.A. Parris, N. D.	13. 14. 15. 16. 17.	Church, H. C. Strong, N., B.A. Nelson, W. E. Cowperthwaite, H. H. English, J. M. McIntosh, J. A. Taggart, E. A.
7. 8. 9.	Parris, N. D. Bishop, L. C. Ebbett, P. L. B. McEwan, J. R., B.A. Forbes, R. D.	20.	Taggart, E. A. Elder, R., B.A. Fortin, C. E. F., B.A. Thomas, S. B. Turner, G. H., B.A.

Horsfall, F. L., B.A.

12.

## HONOURS IN BACTERIOLOGY.

<ol> <li>Kin</li> <li>Nels</li> <li>Par</li> <li>Ells</li> <li>McI</li> <li>Tur</li> <li>Dou</li> <li>Pat</li> </ol>	more, J. G. g, R., B.A. son, W. E. ris, N. D. , R. H. B.A. Laughlin, E. M. ner, G. H., B.A. leglas, F. C. ch, F. S. fluss, W. N., B.A.	11. 12. 13. 14.	English, J. M. Laurie, E., B.A. Cowperthwaite, H. H. McCulloch, J. M. McEwen, J. R., B.A. Horsfall, F. L., B.A. Montgomery, C. H. McEachran, I. W. T.
----------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------	--------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------

## HONOURS IN CLINICAL MEDICINE.

1.	Parris, N. D.	16.	Munroe, H. E.
2.	Patch, F. S., B.A.		Murray, J. S.
3.	Lynch, A. L.		Thomas, S. B.
	McLaughlin, E. M.	19.	McKechnie, D. W.
5.	Ebbett, P. L. B.	20.	McCulloch, J. M.
6.	Anderson, C. W., B.A.	21.	Allan, Robt.
	Burns, A. S., B.A.		Boulter, J. H.
	Cowperthwaite, H. H.		Chandler, E. C.
	Ells, R. H. B.A.		Gale, W. P.
	Kissane, J. W.		Lamb, W. V.
	Lyman, W. S., Ph.B.		Maby, W. J.
	Rehfuss, W. N., B.A.		Strong, N., B.A.
	Townsley, R. H.		Turner, G. H., B.A.
14.	Langsford, A. W.	29.	McEwen, J. R., B.A.
15.	English, J. M.		

## HONOURS IN MEDICAL JURISPRUDENCE.

- 1. McCulloch, J. M.
- 2. McLaren, D. D.
- 3. Church, H. C. Turner, G. H., B.A.
- 5. McLaughlin, E. M.
- 6. Elder, Robt., B.A.
- 7. Cowperthwaite, H. H.
- 8. Burns, A. S., B.A. Magee, C. F. Morris, L. C. Rehfuss, W. N., B.A.
  - Shaw, D. LeB. Wilson, A.

- 14. McEwan, J. R., B.A. Patch, F. S., B.A.
- 16. Brooks, J. E., B.A. Thomas, S. B.
- 18. Anderson, C. W., B.A.
  - Boyd, R. M. Langsford, A. W.
  - Lynch, A. L. Montgomery, C. H.
  - Munroe, H. B., B.A. O'Neill, J. M.

#### THIRD YEAR PASS LIST.

All Subjects.

The following students, 94 in number, have passed in all the subjects of the Third Year, viz.: Pathology, Pharmacology and Therapeutics, Hygiene and Bacteriology, Medical Jurisprudence, Mental Diseases, Medicine, Surgery, Clinical Chemistry and Obstetrics.

Allan, Robt.

Anderson, C. W., B.A.

Andrews, J. J.

Auston, J. B.

Bishop, G. A.

Bishop, L. C.

Blair, H. G. F.

Boyd, R. M.

Burns, A. S., B.A.

Campbell, W. G.

Cantlie, F. P. L.

Carter, W. LeM.

Codrington, R. F.

Coleman, C. E.

Cowperthwaite, H. H.

Croft, L. V.

Currie, W. D.

Dickson, A. J., B.A.

Donnelly, W. H.

Douglas, F. C.

Doyle, F. H.

Ebbett, P. L. B.

Elder, Robt., B.A.

Ells, R. H., B.A.

English, J. M.

Fisher, F., B.A.

Forbes, R. D.

Fortin, C. E. F., B.A.

Freeze, E. H.

Frost, A. C.

Gale, W. P.

Gardner, R. J.

Hansen, N. C., M.A.

Hardisty, H. R. M., B.A.

Henry, C. M.

Horsfall, F. L., B.A.

Hynes, W. T.

Irwin, F.

King, R., B.A.

Kissane, J. W.

Lamb, W. V.

Langsford, A. W.

Laurie, E., B.A. Lidstone, A. E. Lundie, J. A., B.A. Lyman, W. S., Ph.B. Lynch, A. L. MacKinnon, G. E. L. MacKinnon, I. W. McCulloch, J. M. McEwan, J. R., B.A. McGrath, F. C., B.A. McGrath, R. H. McIntosh, H. H. McIntosh, J. A. McKechnie, D. W. McLaren, D. D. McLaughlin, E. M. McPherson, T., B.A. Maby, W. J. Magee, C. F. Martin, H. E. Mason, F. C. Meindl, A. G. Mitchell, I. E., B.A. Montgomery, C. H. Morris, S. C. Munroe, H. B., B.A.

Munroe, H. E. Nelson, W. E. O'Brien, C. W. O'Neill, J. M. Palmer, G. H. Parris, N. D. Patch, F. S., B.A. Peterson, G. R. Puddington, B. A. Rehfuss, W. N., B.A. Robertson, W. G. Saunders, W. E. Secord, H. W. Shaw, D. LeB. Slack, M. R. Strong, N. B.A. Symmes, C. R. Taggart, E. A. Tanner, C. A. H. Thomas, S. B. Tolmie, J. A. Townsley, R. H. Tracy, E. A., B.A. Truax, W. Turner, G. H., B.A. White, S. G.

In addition to those whose names appear on the above list, as having passed in all the subjects of the Third Year, the following have passed in:—

#### PHARMACOLOGY.

Allum, A. W.
Boulter, J. H., B.A.
Boyd, O.
Brooks, J. E., B.A.
Chaplin, H. L. S.
Church, H. C.
Cullen, W. H.
Cumming, W. G., B. A.
Dickson, W. H.
Faulkner, J. A.
Fisher, F.
Gilmour, C. R.
Gow, R. J.
Kenny, R. W.

Kerr, H. H.

Macdonald, R. St. J., B.A.

MacKenzie, W. A.

McDiarmid, C. A.

McEachran, I. W. T.

Munro, J. H.

Murray, J. S.

Nelson, J. S.

Park, A. W.

Sellery, A. C.

Steeves, E. O.

Stowell, F. E.

Willmore, J. G.

Wilson, A.

## PATHOLOGY.

Bailey, G. W.
Boulter, J. H., B.A.
Boyd, O.
Brooks, J. E., B.A.
Chamberlain, H. B.
Chandler, E. C.
Chaplin, H. L. S.
Church, H. C.
Cullen, W. H.
Cumming, W. G., B.A.
Dickson, W. H.
Gow, R. J.
Hutchinson, J. W.

Kenny, R. W.
Macdonald, R. St. J., B.A.
McDiarmid, C. A.
McDonald, S. H., B.A.
McEachran, I. W. T.
McGuigan, J. D.
Munro, J. H.
Murray, J. S.
Park, A. W.
Steeves, E. O.
Stowell, F. E.
Wilson, A.

#### HYGIENE.

Allum, A. W. Bailey, G. W. Blakeman, F. W. Boire, W. E. Boulter, J. H., B.A. Boyd, O. Briggs, J. A. Brooks, J. E., B.A. Chamberlain, H. B. Chandler, E. C. Chaplin, H. L. S. Church, H. C. Cumming, W. G. B.A. Dickson, W. H. Ford, W. S. Gilmour, C. R. Gow, R. J. Hutchinson, J. W.

Igoe, O. A. Kenny, R. W. Macdonald, R. St. J., B.A. MacKenzie, W. A. McDiarmid, C. A. McDonald, S. H., B.A. McEachran, I. W. T. McGuigan, J. D. Munro, J. H. Murray, J. S. Nelson, J. S. Park, A. W. Scott, W. Smith, C. M. Steeves, E. O. Stowell, F. E. Wilson, A.

# MEDICAL JURISPRUDENCE.

Allum, A. W. Bailey, G. W. Blakeman, F. W. Boulter, J. H., B.A. Boyd, O. Briggs, J. A. Brooks, J. E., B.A. Chamberlain, H. B. Chandler, E. C. Chaplin, H. L. S. Church, H. C. Crosby, P. C. Cumming, W. G., B.A. Dickson, W. H. Dowson, C. K. Gillis, J. H. Gilmour, C. R.

Hutchinson, J. W. Kenny, R. W. Macdonald, R. St. J., B.A. MacKenzie, W. A. McDiarmid, C. A. McDonald, S. H., B.A. McEachran, I. W. T. McGuigan, J. D. Munro, J. H. Murray, J. S. Nelson, J. S. Park, A. W. Shillington, R. N. W. Smith, C. M. Steeves, E. O. Stowell, F. E. Wilson, A.

## MENTAL DISEASES.

Allum, A. W. Bailey, G. W. Blakeman, F. W. Boire, W. E. Boulter, J. H., B.A. Boyd, O. Briggs, J. A. Brooks, J. E., B.A. Bromley, J. E. Chamberlain, H. B. Chandler, E. C. Chaplin, H. L. S. Church, H. C. Cumming, W. G., B.A. Dickson, W. H. Gilmour, C. R. Gow, R. J. Harrison, L. L. Kenny, R. W.

Macdonald, R. St. J., B.A. MacKenzie, W. A. McDiarmid, C. A. McDonald, S. H., B.A. McEachran, I. W. T. McGuigan, J. D. Markson, S. Miller, V. L., B.A. Munro, J. H. Murray, J. S. Nelson, J. S. Park, A. W. Scott, W. Seifert, F. W., B.A. Shillington, R. N. W. Smith, C. M. Steeves, E. O. Wilson, A.

## CLINICAL MEDICINE.

Allum, A. W.
Bailey, G. W.
Blakeman, F. W.
Boulter, J. H., B. A.
Boyd, O.
Briggs, J. A.
Carnochan, W. L. C.
Chamberlain, H. B.
Chandler, E. C.
Chaplin, H. L. S.
Dowson, C. K.
... s, J. H.
Gilmour, C. R.
Gow, R. J.

Kenny, R. W.

MacKenzie, W. A.

McDonald, S. H., B.A.

McEachran, I. W. T.

McGuigan, J. D.

Murray, J. S.

Nelson, J. S.

Park, A. W.

Scott, W.

Smith, C. M.

Stowell, F. E.

Thomas, J. W.

Wilson, A.

#### CLINICAL SURGERY.

Allum, A. W. Bailey, G. W. Blakeman, F. W. Boulter, J. H., B.A. Boyd, O. Briggs, J. A. Brooks, J. E., B.A. Chamberlain, H. B. Chandler, E. C. Chaplin, H. L. S. Chaplin, H. L. S. Church, H. C. Cumming, W. G., B.A. Dickson, W. H. Donovan, J. B. Dowson, C. K. Gillis, J. H.

Gilmour, C. R. Gow, R. J. Kenny, R. W. Macdonald, R. St. J., B.A. MacKenzie, W. A. McDiarmid, C. A. McDonald, S. H., B. A. McGuigan, J. D. Munro, J. H. Murray, J. S. Nelson, J. S. Park, A. W. Scott, W. Smith, C. M. Stowell, F. E. Thomas, J. W. Wilson, A.

#### CLINICAL CHEMISTRY.

Allum, A. W. Bailey, G. W. Blakeman, F. W. Boire, W. E. Boulter, J. H., B.A. Boyd, O. Briggs, J. A. Brooks, J. E., B.A. Bromley, J. E. Chamberlain, H. B. Chandler, E. C. Chaplin, H. L. S. Church, H. C. Covernton, C. F. Crosby, P. C. Cumming, W. G., B.A. Dickson, W. H. Ford, W. S. Gillis, J. H. Gilmour, C. R. Gow, R. J.

Hutchinson, J. W. Inksetter, F. S. Kenny, R. W. Kerr, H. H. Macdonald, R. St. J., B.A. MacKenzie, W. A. McDiarmid, C. A. McDonald, S. H., B.A. McEachran, I. W. T. McGuigan, J. D. Murray, J. S. Nelson, J. S. Park, A. W. Seifert, F. W., B.A. Shillington, R. N. W. Smith, C. M. Steeves, E. O. Stowell, F. E. Willmore, J. G. Wilson, A.

#### OBSTETRICS.

Allum, A. W. Anton, D. L. S. Bailey, G. W. Blakeman, F. W. Boire, W. E. Boulter, J. H., B.A. Brooks, J. E. B.A. Chamberlain, H. B. Chandler, E. C. Chaplin, H. L. S. Church, H. C. Cumming, W. G., B.A. Dickson, W. H. Dowson, C. K. Ford, W. S. Gillis, J. H.

Gilmour, C. R. Hutchinson, J. W. Macdonald, R. St. J., B.A. MacKenzie, W. A. McDiarmid, C. A. McDonald, S. H., B.A. McEachran, I. W. T. McGuigan, J. D. Markson, S. Munro, J. H. Nelson, J. S. Scott, W. Shillington, R. N. W. Smith, C. M. Steeves, E. O. Stowell, F. E.

## BACTERIOLOGY.

Allum, A. W.
Blakeman, F. W.
Boyd, O.
Brooks, J. E., B.A.
Chandler, E. C.
Church, H. C.
Crosby, P. C.
Cumming, W. G., B.A.
Dickson, W. H.
Gilmour, C. R.
Gow, R. J.
Hutchinson, J. W.
Kenny, R. W.
Kerr, H. H.

Macdonald, R. St. J., B.A
MacKenzie, W. A.
McDiarmid, C. A.
McDonald, S. H., B.A.
McEachran, I. W. T.
McGuigan, J. D.
Murray, J. S.
Nelson, J. S.
Park, A. W.
Scott, W.
Smith, C. M.
Steeves, E. O.
Willmore, J. C
Wilson, A

# SECOND YEAR.

# PRIZES AND HONOURS.

# SECOND YEAR PRIZEMAN:

J. A. NUTTER, B. A., of Montreal, Que.

# SENIOR ANATOMY PRIZE:

J. L. ROBINSON, St. Mary's, Ont.

# HONOURS IN AGGREGATE OF ALL SUBJECTS:

- 1. Nutter, J. A., B.A. 8. Coffin, J. W. 2. Miller, V. L., B.A. 9. Lincoln, W. A.
- Robinson, J. L. 10. McKenty, F. 11. Lippiatt, H. T.
- 4. Dillon, W. P. 11. Lippiatt, H. 1 Willmore, J. G. 12. Sellery, A. C.
- 6. Wood, W. H. 13. Fyshe, J. C., A.B.
- 7. Chipman, W. W.

# PHYSIOLOGY-HONOURS.

- 1. Nutter, J. A., B.A. 7. Ainley, W. E., B.A.
- 2. Miller, V. L., B.A 8. Yorston, F. P. 9. McIntosh, L. de C.
- 3. Wood, W. H. 9. McIntosn, L. de C. 10. Sellery, A. C.
- 4. Robinson, J. L. 10. Sellery, A. W. W. 5. Cook, W. J. 11. Chipman, W. W.
- 6. Dillon, W. P. Lincoln, W. A.

# PRACT CAL CHEMISTRY.

## HONOURS.

- 1. Blanchet, S. F. N. 13. Douglas, E., B.A. Nelles, T. R. B. Nutter, J. A. B.A. Stewart, J. A.
- 4. Geddes, R. W., B.A.
  5. Alford, J. H.
  17 Charman, F. D.
  Gibson, G. M.
  - Judson, A. H.

    Likely, D. S.

    McLachlan, D. C.

    Meakins J. C.

    Meakins J. C.

    21. Chipman, W. W.
- Meakins, J. C.

  10. Coffin, J. W.
  Johnson, J. G. W., B.A.
  Preston, C. E.

  Meakins, J. C.
  Howitt, H. O.
  Lincoln, W. A.
  McIntosh, L. de C.
  Wright, G. A.

## HISTOLOGY-HONOURS.

- 1. Faulkner, J. A., B. A. Robinson, J. L.
- 3. Dillon, W. P.

  Fyshe, J. C., A.B.

  Lauchland, L. C., B.A.

  Miller, V. L., B.A.

  Nutter, J. A., B. A.
- 8. Charman, F. D.
  Douglas, E., B.A.
  Gillis, J. E.
- Sellery, A. C. Yorston, F. P.
- 13. Ainley, W. E., B.A.
  Crowell, B. C., B.A.
  Gibson, R.
  Hunter, J. D.
  Lippiatt, H. T.
  McIntosh, L. deC.
  McLachlan, D. C.
  Rogers, J. T., B.A.
  Winder, J. B., B. A.
  Wood, W. H.

## PHARMACOLOGY-HONOURS.

- 1. Miller, V. L., B.A. Nutter, J. A., B.A. Sellery, A. C.
- 4. Rankin, A. C.
- 5. Fyshe, J. C., A.B.
- 6. Chipman, W. W.
- 7. Atkinson, H. S.
- 8. Lippiatt, H. T.
- 9. Ainley, W. E., B.A. Charman, F. D.
- Gillis, J. E.
   McIntosh, L. deC.
   Richardson, C. A. C., B.A.

- 14. Coffin, J. W.
  Dillon, W. P.
  Robinson, J. L.
- 17. Alford, J. H.
  Blanchet, S. F. N.
  Lincoln, W. A.
  McKenty, F.
  McKenzie, R. P.
  Stewart, J. A.
  Wood, W. H.

#### CHEMISTRY-HONOURS.

- 1. Nutter, J. A., B.A.
- 2. Robinson, J. L.
- 3. Wood, W. H.
- 4. Dillon, W. P. Lippiatt, H. T.
- €. Chipman, W. W.
- 7. Atkinson, H. S.
- 8. Stewart, J. A.
- 9. Nelles, T. R. B.
- 10. Lincoln, W. A.
- 11. McKenty, F.
- 12. Dunn, J. F.

- 13. Coffin, J. W.
- 14. Greenwood, W. T.
- 15. McKenzie, R. P.
- 16. Charman, F. D.
- Richardson, C. A.
- 18. Cook, W. J.
- 19. Fyshe, J. C., A.B.
- 20. Rankin, A. C.
- 21. Johnson, J. G. W., B.A.

McIntosh, L. deC.

Martin, J. C.

# ANATOMY-HONOURS.

1. 2. 3.	Dillon, W. P.	9. 10. 11. 12. 13. 14.	Fyshe, J. C. Kerr, H. H. Howitt, H. O. Rankin, A. C. Lauchland, L. C., B.A. Lincoln, W. A. Lippiatt, H. T.
4. 5. 6. 7.			

# SECOND YEAR. PASS LIST.

# All Subjects.

The following gentlemen, 105 in number, have completed their Second Year Examinations, which comprise the following subjects:—Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Practical Physiology, Histology and Materia Medica.

Ainley, L. T., B.A. Ainley, W. E., B.A. Allan, R. H. Allum, A. W. Atkinson, H. S. Bailey, G. W. Bentley, J. S., B.A. Bishop, G. A. Black, J. C. Blakeman, F. W. Blanchet, S. F. N. Boire, W. E. Bonin, R. P. Boulter, J. H. Boyd, R. M. Brooks, J. E., B.A. Chamberlain, H. B. Chandler, E. C. Charman, F. D. Chipman, W. W. Coffin, J. W. Cook, W. J. Crack, I. E. Croft, L. V.

Crowell, B. C., B.A. Currie, W. D. Dickson, W. H. Dillon, W. P. Dorion, W. A. Douglas, E., B.A. Doyle, F. H. Dunn, J. F. Eaton, C. E. Faulkner, J. A., B.A. Fisher, E. M. Fisher, F. Ford, H. S. Fraser, S. Freeze, E. H. Frost, A. C. Fyshe, J. C., A.B. Geddes, R. W., B.A. Gillis, J. E. Gilmour, C. R. . Gormely, J. C. Gow, R. J. W. Grant, N. P. Greenwood, W. T.

Hotchkiss, E. A. Howitt, H. O. Hutchinson, J. W. Johnson, J. G. W., B.A. Kerr, H. H. Keys, M. J. Lamb, W. V. Lauchland, L. C., B.A. Lincoln, W. A. Lippiatt, H. T. Losier, A. J. Lyman, W. S. MacKenzie, A. B. MacKenzie, W. A. McDiarmid, C. A. McGibbon, D. McGrath, R. H. McGuigan, J. D. McIntosh, L. de C. McKenty, F. McKenzie, R. P. McLachlan, D. C. Martin, J. C. Meakins, J. C. Miller, C. Miller, V. L., B.A. Munro, J. H. Munroe, H. B., B.A. Munroe, H. E.

Murphy, H. H. Nelson, J. S. Ness, W. Nutter, J. A., B.A. Preston, C. E. Puddington, B. A. Quain, B. P. Rankin, A. C. Reford, L. L., B.A. Richardson, C. A. Robertson, W. G. Robinson, J. L. Rogers, J. T., B.A. Scott, W. Sellery, A. C. Shillington, R. N. W. Smith, C. M. Slack, M. R. Stewart, J. A. Stockwell, H. K. Stowell, F. E. Truax, W. Wilson, A. Wilson, C. E. Willmore, F. G. Wood, W. H. Wright, G. A. Yorston, F. P.

In addition to those whose names appear on the above list, having passed in all subjects of the Second Year, the following have passed in:—

#### PHARMACOLOGY.

Alford, J. M.
Crosby, P. C.
Dalton, J. T.
Ernandez, J. A.
Gibson, R.
Gill, F. D.
Gillis, J. R.
Gilroy, J. R.
Inksetter, F. S.

Lawson, G. E. Sims, H. A.

Mackid, L. S. Smith, W. A., B.A.

McDonald, J. C. Sweeney, J. L., B.A.

McLeod, W. A. Warwick, W.

Markson, S. M. Waterman, C.

Nagle, S. M. Wigle, C. A.

Richardson, C.A.C., B.A. Wilson, T. R., B.A.

Seifert, F. W. Wood, H. G.

#### HISTOLOGY.

Sims, H. A. Hunter, J. D. Alford, J. M. Smith, W. A., B.A. Judson, A. H. Cunningham, F. J. Styles, W. H., Lacasse, L. J. Dalton, J. T. Warwick, W. Lawson, G. E. Davidson, H. J. D. Waterman, C. McDonald, J. C. Ernandez, J. A. Wigle, C. A. Margolese, O. Folkins, C. G. Wilson, O. M. Markson, S. M. Gibson, G. M. Wilson, T. R., B.A. Gibson, R. Nagle, S. M. Winder, J. B., B.A. Graham, R. W. Price, J. Harrison, L. L., B.A. Richardson, C.A.C., B.A. Winfrey, W. C., B.L. Rilance, C. D. Wood, H. G. Hogan, F. J. Hughton, M.

#### ANATOMY.

Harrison, L. L., B.A. Pavey, C. A. Anton, D. L. S. Price, J. Arnold, D. R. Hogan, F. J. Richardson, C.A.C., B.A. Carnochan, W. L. C. Judson, A. H. Warwick, W. Davidson, H. J. D. Lawson, G. E. Wilson, O. M. Ferguson, W. H. Lundie, J. A. Wilson, T. R., B.A. Mackid, L. S. Gibson, G. M. Winder, J. B., B.A. Gibson, R. MacKinnon, I. W. Winfrey, W. C., B.L. McLeod, W. A. Gillis, J. R. Wood, H. G. Gilroy, J. R. Nagle, S. M. Graham, R. W. Nathan, D.

#### PHYSIOLOGY.

Smith, W. A., B.A. Alford, J. H. Judson, A. H. Crosby, P. C. Lawson, G. E. Warwick, W. Markson, S. M. Waterman, C. Folkins, C. G. Nagle, S. M. Wigle, C. A. Fortin, C. E. F., B.A. Wilson, O. M. Gibson, G. M. Price, J. Richardson, C.A.C., B.A. Wilson, T. R., B.A. Gibson, R. Rilance, C. D. Winder, J. B., B.A. Graham, R. W. Winfrey, W. C., B.L. Hogan, F. J. Sims, H. A.

#### CHEMISTRY.

Alford, J. H.
Arnold, D. R.
Chisholm, H. A.
Crosby, P. C.
Ernandez, J. A.
Folkins, C. G.
Gibson, G. M.
Gibson, R.
Gill, F. D.
Graham, R. W.
Gourley, H. B.

Hogan, F. J. Sims, H. A. Hynes, W. T. Smith, W. A., B.A. Inksetter, F. S. Styles, W. H. Judson, A. H. Sawyer, A. R. Mackid, L. S. Wigle, C. A. MacKinnon, I. W. Wilson, O. M. Margolese, O. Wilson, T. R., B.A. Nelles, T. R. B. Winder, J. B., B.A. Price, J. Winfrey, W. C., B.L. Richardson, C.A.C., B.A. Wood, H. G. Rilance, C. D.

#### PRACTICAL CHEMISTRY.

Alford, J. H.
Bonelli, V.
Chisholm, H. A.
Dalton, J. T.
Ernandez, J. A.
Gibson, G. M.
Gill, F. D.
Gilroy, J. R.
Graham, R. W.
Gourley, H. B.

Henry, E. G.
Hogan, F. J.
Judson, A. H.
Lacasse, L. J.
Lawson, G. E.
Likely, D. S.
Mackid, L. S.
Nelles, T. R. B.
Price, J.

Rilance, C. D.
Sims, H. A.
Styles, W. H.
Sawyer, A. R.
Wilson, O. M.
Warwick, W.
Winfrey, W. C., B.L.
Wotherspoon, H.
Young, G. J.

# FIRST YEAR.

## PRIZES AND HONOURS.

FIRST YEAR PRIZEMAN,

F. J. TEES, B.A., of Montreal, Que,

# JUNIOR ANATOMY PRIZE,

J. A. C. Tull, of Antigua, B.W.I. HONOURS IN AGGREGATE OF ALL SUBJECTS.

- 1. Tees, F. J., B.A.
- 2. Henderson, E. H., B.A.
- 3. Mersereau, H. C.
- 4. Scrimger, F. A. C., B.A.
- Scrimger, F. A. C.,
   Likely, D. S., B.A.
- 6. Cumming, A., B.A.
- 7. Leslie, H. A.
- 8. Dykes, W.
- 9. MacDermot, J. H.

# HONOURS IN CHEMISTRY.

- 1. Henderson, E. H., B.A. Ryan, F. McD., B.A.
- 3. Leslie, H. A.

  Mersereau, H. C.

  Scrimger, F. A. C., B.A.
- 6. Scott, W. J., B.A.
- 7. MacDermot, J. H.
- 8. Dougan, B. H.
  Dykes, W.
  Tees, F. J., B.A.
- 11. Burgess, H. C. Likely, D. S., B.A. Rommel, E.
- 14. Brown, F. F.
  Prendergast, A. R., B.A.

- 16. Alguire, A. R. Hume, G. M. King, J. L. Valin, R. E.
  - 20. Brown, G. T.
  - 21 Moffatt, C. F., B.A. Turnbull, E. G.
  - 23. Wilkinson, W. M.
  - 24. Hanington, D. P.
  - 25. Muckleston, H. S., M.A. Richards, E. T. F.
  - 27. Auld, J. W. Sinclair, E. E. Tierney, J. E.

## HONOURS IN BACTER OLOGY.

- 1. Henderson, E. H., B.A.
- 2. Scrimger, F. A. C., B.A. rees, F. J., B.A.
- 4. Dykes, W.
- 5. Likely, D. S., B.A.
- 6. Scott, W. J., B.A.
- 7. Cumming, A., B.A.
- 8. Moffatt, C. F., B.A. Tull, J. A. C.

# HONOURS IN ELEMENTARY BIOLOGY.

- 1. Tees, F. J., B.A.
- 2. Scrimger, F. A. C., B.A.
- 3. Henderson, E. H., B.A. 10.
- 4. McMurtry, S. O., B.A.
- 5. Moffatt, C. F., B.A.
- 6. Cumming, A., B.A. Likely, D. S., B.A.
- 8. Leslie, H. A.
- 9. Mersereau, H. C.
  - . MacDermot, J. H.
- 11. Soady, J. H., B.A. Tull, J. A. C.

## HONOURS IN PHYSIOLOGY.

- 1. Mersereau, H. C.
- 2. Scrimger, F. A. C., B.A.
- 3. Nelles, T. R. B.
- 4. McMurtry, S. O., B.A.
- 5. Cumming, A., B.A. MacDermot, J. H.
- 7. Hanington, D. P.
- 8. Burgess, H. C.
  - Leslie, H. A.
  - Ryan, F. McD., B.A.
  - Tees, F. J., B.A.

#### HONOURS IN HISTOLOGY.

- 1. Tees, F. J.
- 2. MacLean, J. D. Robertson, B. W.
- 4. Dougan, G. H. Moffatt, C. F., B.A.
- Soady, J. H., B.A.

  7. Henderson, E. H., B.A.
  Mohr, F. W. C.
  Wood, G. O.
- 10. Ewart, D.
  - Richards, E. T. F.
- 12. Cumming, A., B.A.
  - Dykes, W.
  - Hanington, J. W. B.
  - Hume, G. M.
  - Leslie, H. A.
  - McNaughton, W. B.
  - Mercer, T. C.
  - Mercereau, H. C.
  - Prendergast, A. R., B.A.
  - Sinclair, E. E.

- 22. Brown, F. F.
  - Likely, D. S., B.A.
- 24. Brown, G. T.
  - Duggan, R. G.
    - MacDermot, J. H.
    - Robertson, A. R.
  - Scrimger, F. A. C., B.A.
  - Tull, J. A. C.
  - Turnbull, E. G.
  - Valin, R. E.

#### ANATOMY-HONOURS.

1.	Mohr, F. W. C.	17.	Dougan, B. M.
2.	Mersereau, H. C.		Dykes, W.
3.	Tull, J. A. C.		Sullivan, J. A.
4.	McNaughton, W. B.		Richards, E. T. F.
	Scrimger, F. A. C. B.A.	21.	Grimmer, R. D.
	Burgess, H. C.		Loggie, W. S.
7	Likely, D. S., B.A.		McDonald, J. A.
8.	Chisholm, H. A.	24.	MacLean, J. D.
9.	Brown, F. F.	25.	Wood, G. O.
8.	Cumming, A., B.A.	26.	McMurtry, S. O., B.A
	Mercer, F. C.		Mason, J. H.
	Leslie, H. A.		Alguire, A. R.
	Muckleston, H. S., M.A.		Tees, F. J., B.A.

#### PRACTICAL CHEMISTRY.

#### HONOURS.

1.	Henderson, E. H. B.A.	12.	Brown, F. F.
	Mason, J. H.		Mohr, F. W.C.
3.	Leslie, H. A.		Robertson, B. W.
	McMurtry, S. O., B.A.		Tees, F. J., B.A.
5.	Alguire, A. R.	16.	Loggie, W. S.
	Likely, D. S., B.A.		McDougald, W. L.
	McIntosh, G. J.		McNaughton, W. B.
8.	Grimmer, R. D.		Wood, G. O.
	Mersereau, H. C.	20.	Cumming, A., B.A.
	Petersky, S.		Richards, E. T. F.
	Sinclair, E. E.		Valin, R. E.

#### FIRST YEAR. PASS LIST.

#### All Subjects.

The following students, 78 in number, have passed the examination in all the subjects of the First Year, viz.:—Anatomy, Chemistry and Physics, Physiology, Histology, Biology, Practical Chemistry and Bacteriology.

Alguire, A. R. Brown, F. F. Brown, G. T. Burgess, H. C.

MacDermot, J. H.

Turnbull, E. G.

15.

Henderson, E. H., B.A.

Chisholm, H. A., B.A. Costello, W. J., B.A. Covernton, C. F. Cumming, A., B.A.

Costello, W. J., B.A.

Dalton, J. T. Davidson, H. D. Dougan, B. H. Dowler, W. H. Dykes, W. Ewart, D. Finigan, J. F. Folkins, C. G. Hanington, D. P. Hanington, J. W. B. Heagerty, J. J. Henderson, E. H., B.A. Henry, E. G. Houghton, M. Hume, G. M. Hunter, J. D. Inksetter, F. S. King, J. L. Lacasse, L. J. 'Leslie, H. A. Likely, D. S. ,B. A. Loggie, W. S. MacCallum, J. D. C. MacDermot, J. H. MacDonald, J. P. MacLean, J. D. McDonald, J. C. McDonald, J. A. McLeod, W. A. McMicking, A. E. T. McMurtry, S. O., B.A. McMurtry, W. C. McNaughton, W. B. Margolese, O. Mason, J. H.

Mercer, T. C. Mersereau, H. C. Moffatt, C. F., B.A. Mohr, F. W. C. Muckleston, H. S., M.A. Mulligan, J. W. Nelles, T. R. B. Petersky, S. Prendergast, A. R., B.A. Pruyn, W. G. Richards, E. T. F. Richardson, C. A. C., B.A. Robertson, B. W. Rommel, E. Ryan, F. McD., B.A. Scott, W. Scrimger, F. A. C., B.A. Shaw, D. LeB." Sibbald, J. P. M. Sinclair, E. E. Soady, J. H., B.A. Styles, W. A. Sullivan, J. A. Sweeney, J. L., B.A. Tees, F. J., B.A. Tull, J. A. C. Turnbull, E. G. Valin, R. E. Viner, N., B.A. Wilkinson, W. M. Wood, G. O. Wotherspoon, H. C. Wright, G. A. Young, C. A. Young, G. J.

#### FIRST YEAR.

In addition to those whose names appear on the above list, as having passed in all subjects of the First Year, the following have passed in:—

#### HISTOLOGY.

Auld, J. W. Bonelli, V., B.A. Cameron, A. B. Duggan, R. G. Fripp, G. D. Greene, H. B. Grimmer, R. D.
Gunn, A. K.
Joughin, J. H.
King, S. S.
McIntosh, G. J.
Morrison, J. C.

Raftery, C. R. Rilance, C. D. Robertson, A. R. Sawyer, A. R. Somerville, H. A.

#### ANATOMY.

Auld, J. W.
Bonelli, V., B.A.
Bulmer, A. M.
Connor, E. L.
Duggan, R. G.
Gaudet, E. A.
Grimmer, R. D.

Hewitt, T. J. Joughin, J. L. King, S. S. McDonald, J. A. McDougal, W. L. McIntosh, G. J. Morrison, J. C.

Robertson, A. R. Sawyer, A. R. Scott, W. J., B.A. Shipley, C. E. Somerville, H. A. Tierney, J. E.

# PHYSIOLOGY.

Auld, J. W.
Bonelli, V., B.A.
Connor, E. L.
Duggan, R. G.
Fripp, G. D.
Gaudet, E. A.

Greene, H. B.
Grimmer, R. D.
Joughin, J. L.
King, S. S.
McIntosh, G. J.
Morrison, J. C.

Raftery, C. R. Robertson, A. R. Sawyer, A. R. Scott, W. J., B.A. Tierney, J. E.

#### CHEMISTRY.

Auld, J. W.
Bonelli, V., B.A.
Duggan, R. G.
Fripp, G. D.
Gaudet, E. A.
Gourley, H. B., Ph.B.
Greene, H. B.

Grimmer, R. D.
Joughin, J. L.
King, S. S.
Mackid, L. S.
McDonald, J. A.
McIntosh, G. J.
Ralph, A. J., Ph.B.

Raftery, C. R. Robertson, A. R. Sawyer, A. R. Scott, W. J., B.A. Tiernev, J. E.

## PRACTICAL CHEMISTRY.

Auld, J. W.
Bonelli, V., B.A.
Connor, E. L.
DesIsles, C. J. R.
Duggan, R. G.
Gaudet, E. A.
Grant, D. J.

Greene, H. B.
Grimmer, R. D.
King, F. C.
McCormick, A. S.
McDougal, W. L.
McIntosh, G. J.
Morrison, J. C.

Robertson, A. R. Scott, W. J., B.A. Ship, A. P. Shipley, C. E. Somerville, H. A. Tierney, J. E.

#### BIOLOGY.

Bonelli, V., B.A.
Gaudet, E. A.
Gourley, H. B., Ph.B.
Greene, H. B.
Grimmer, R. D.
Gunn, A. K.
Hewitt, T. J.

Joughin, J. L.
King, F. C.
King, S. S.
MacGillis, A. F.
Morrison, J. C.
Ralph, A. J., Ph.B.
Raftery, C. R.

Robertson, A. R. Sawyer, A. R. Scott, W. J., B.A. Somerville, H. A. Tierney, J. E.

#### BACTERIOLOGY.

Auld, J. W. Cameron, A. B. Connor, E. L. Duggan, R. G. Fripp, G. D. Gaudet, E. A. Gunn, A. K. Hewitt, T. J. Joughin, J. L. King, S. S.

Scott, W. J., B.A. Shipley, C. E. Somerville, H. A. Tierney, J. E.

#### BOTANY.

Cameron, A. B. DesIsles, C. J. R. Mackid, L. S. McCormick, A. S. McIntosh, G. J. Rilance, C. D.

ZOOLOGY.

Duggan, R. G.

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organisa pisa saaraa saisa dahara o Tano ada ho oras sibo as a sabh Bris ada and anna a sa ntan tuba ntan ada and anna a sa ntan tuba

# EXAMINATION PAPERS, SESSION 1901-1902

# MEDICAL FACULTY.

## ELEMENTARY BIOLOGY.

CHRISTMAS, 1901.

Part I. Animal Biology.

TUESDAY, DEC. 17TH:-2 TO 5 P.M.

Examiner......PROF. E. W. MACBRIDE.

Students of the Faculty of Medicine will answer six questions to be selected from Nos. 1-7; students of the Faculty of Arts will answer nine questions, six to be selected from Nos. 1-7, three from Nos. 8-11.

(1) Explain what is meant by the term "catabolism"; how is it related to respiration?

Classify the products of catabolism, and give examples of each class.

- (2) Describe and compare with one another the cells which effect movement:
  - (a) in Hydra,
  - (b) in Lumbricus,
  - (c) in the Dog-fish.

Point out which variety of cell is the most primitive and how the others can be derived from it.

(3) Define the term "endoderm."

Give an account of the organs which are developed from endoderm:

- (a) in Hydra,
- (b) in Lumbricus,
- (c) in the Dog-fish.
- (4) Describe carefully the vessels of Lumbricus so far as their structure and contents are concerned (but not their arrangement). Give also a description of the corresponding structures in the Dog-fish, and indicate reasons for the differences between the two animals in this respect.

(5) Describe carefully the reproductive organs of Lumbricus, noting their relations to the other organs.

Point out the broad general resemblances and differences with respect to these organs which subsist between Lumbricus and the Dog-fish. [A detailed account of the reproductive organs of Dog-fish is NOT asked for.]

6. Give an account of the structure of the spinal cord of the Dogfish and of the nerves which proceed from it, tracing the structures you mention from their condition in the embryo to that in the adult. What light do the structures you describe throw on the phenomenon of "referred pain."

7. Give a list with descriptions of all the types of sense-cell known to you which are found in the Dog-fish, pointing out their functions and showing how far they agree with the type of sense-cell found in Lumbricus.

8. Give a careful description of the *skull* of the Dog-fish [using the term in its widest sense]. Point out the principal modifications which the skull of the Frog has undergone supposing it to be derived from a type like that of the Dog-fish.

9. Compare together the Frog and Dog-fish with respect to the structure of the heart and the arrangement of the arteries.

10. Compare the brains of the Frog and Dog-fish as seen from above and indicate the reasons for the differences between them.

11. Give a careful description of the kidney and testis and their relations to one another, and to the coelom in the Dog-fish and the Frog.

# Elementary Biology-Botany.

#### First Year.

DECEMBER, 1901:-ONE HOUR

EXAMINER......Prof. D. P. PENHALLOW.

The candidate will answer three questions only.

- 1. Compare Saprophytes and Chlorophytes with respect to :-
  - (a) The general nature and sources of food supply.
  - (b) The general characteristics of the plant and its habits of life.

Give a typical example of each.

2. Give an account of the changes effected when yeast is cultivated in a solution of cane sugar, and show what specific agents are concerned.

What physiological process is here represented?

3. Give as full an account as you can of the characteristics of living protoplasm as found in the cell of the Myxomycete and show what chemical tests serve to distinguish it from allied cell products.

4. Compare pleurococcus, Spirogyra and Oedogonium with respect to their relative positions in development, as determined by variations in structure and the reproductive process.

# Elementary Bacteriology.

MAY 28TH, 1902:-2.30 TO 5 P.M.

Examiners. Prof. J. G. Adami. Dr. H. B. Yates.

- 1. How would you proceed to gain a pure culture of a microbe?
- 2. Describe the method you would employ to make 500 ccm. of nutrient broth. How would you convert this into nutrient gelatine?
  - 3. What do you know concerning the structure of bacteria?
  - 4. Describe the appearances seen under the microscopes, A.B.C.D.

# Physiology. First Year.

MAY 30TH, 1902.

1. Explain the meaning of the following: (a) Splanchnopleure, Amnion, Auditory pit, Protovertebra, Chorion, Mesoblast; (b) enumerate the structures derived from the Epiblast; (c) describe the course of the fœtal circulation.

- 2. Describe the blood and explain briefly the functions of each of its classes of constituents.
- 3. Discuss (a) the cardiac cycle; (b) vaso-motor nerves; (c) the pulse.
- 4. Consider respiration from the standpoint of (a) Physics; (b) Chemistry; and (c) the relation to other processes as the circulation.
- 5. Consider (a) foodstuffs and diets; (b) digestion and absorption, in relation to each other and to the blood.
  - 6. Describe the laboratory work you have done on any one day.
- 7. Give an outline, anatomical and physiological, of either (q) the eye, or (b) the ear.
- 8. Give a brief outline of the essential structure and functions of the spinal cord.

N.B.—The use of diagrams in answering the questions is important.

# Chemistry,

#### First Year.

MAY 26TH, 1902.

- 1. Describe any form of galvanic battery, tracing the current through its entire course. Give the names of the principal batteries in use.
- 2. Describe a thermometer. What are its principal fixed points. How are they determined? Name the different varieties of thermometers.
- 3. Give the occurrence in nature, mode of preparation and properties of nitrogen. Name the oxides of nitrogen, and give preparation of Nitric acid.
- 4. Give the preparation of Hydrochloric acid, and show by what evidence its composition is correctly represented by HCl.
- 5. Give an account of the laws of combination in Chemistry. By what experiments can you prove the equivalent number of H. to be 1. of Na., 23. of Cl., 33.5 of 0.8 of Zn. 32.5 and Silver 108.
- 6. What do you understand by the terms Acid, Base, Alkali, Hydrate?

### Anatomy.

#### Second Year.

MARCH 21ST, 1902.

Examiners ... PROF. SHEPHERD.

LECT. J. A. SPRINGLE.

LECT. J. G. McCarthy.

DEMS. J. A. HENDERSON.

- 1. Give the dissection necessary to expose the Compressor Urthræ muscle.
- 2. Name in order the parts it is necessary to remove to expose the upper half of the Internal Jugular Vein.
- 3. Origin, insertion, nerve supply and actions of the muscles attached to the body of the Lower Jaw.
- 4. Describe the Pancreas and state accurately its relations to surrounding structures.
- 5. Describe the situation, relations, and structure of the Corpus Striatum.
- 6. Give a short description of the deep cervical fascia and its processes.

Note.—Four questions only to be answered, including the first two.

# Histology.

#### Second Year.

DECEMBER 20TH, 1901,

- 1. Describe the walls of the Pharynx and the structures found in it.
- 2. Describe a section of a lobule of the liver and draw a diagram showing the relation of bile capillaries and blood vessels.
  - 3. Describe the structure of spleen.
- 4. Describe the Medulla Oblongata on a level with beginning of 4th Ventricle; trace the white tracts down into cords.
- 5. Tell what you know of Neuroglia. Describe a neurome and show how it may communicate with other cells on centres.

# Materia Medica and Pharmacology.

#### Second Year.

MAY 30TH, 1902.

- 1. Name the specimens shown and give two official preparations of each.
  - 2. How are incompatibles classed? Give an example of each class.
- 3. Write in ordinary prescription form the following mixture, stating the amounts both in apothecary and metric systems: 120 grains Bicarbonate of Soda; 30 minims dilute Hydrocyanic Acid; 4 drachms Compound Tincture of Gentian; Chloroform water sufficient quantity to make six fluid ounces, and direct a tablespoonful dose to be taken three times a day.

Answer six of the following questions (4 to 11):-

- 4. Give source of digitalis and name the several active principles. Describe the Physiological action on the circulation of (a) moderate doses, (b) of toxic doses.
- 5. Contrast the action in lowering blood pressure of Aconite and the Nitrites. Name the more important official preparations of each.
- 6. State fully the action of Strychnine on the central nervous system. Name three of the more important official preparations containing this drug.
- 7. Describe the mode of action of Atropine on the circulation, on the eye and on the secretions.
- 8. Describe the effects of morphine poisoning and the several methods of treating it in its various stages.
- 9. How do the saline cathartics act? Name three of the more important.
- 10. Describe what is meant by the terms:—Cinchonism, Mercurialism, Iodism, Bromism.
- 11. State exactly the action of an astringent. Name two of the more important vegetable astringents, and two mineral astringents.

## Physiology.

## Second Year.

MAY 28TH, 1902.

Examiners... PROF. WESLEY MILLS, M.D.
DR. W. S. MORROW.
DR. J. W. SCANE.
DR. A. A. ROBERTSON.

1. Explain briefly the meaning of the following:—Egg tubules, Graafian follicle, Cleavage of the Mesoblast, Chorionic villi, Demarcation current, Negative variation, Mean blood pressure, Respiratory co-efficient, Methabolism, Chromatin, Nucleo-proteid, Macula Lutea.

2. Blood and Circulation: (a) Figure, classify and state the functions of the various kinds of colorless cells; (b) discuss the relations of liquor sanguinis, Lymph (extra-vascular), and the contents of the thoracic duct.

3. Respiration: Discuss (a) the relations of general blood pressure during respiration; (b) the changes that occur in the fœtal circulation owing to respiratory changes at birth.

4. Describe the following processes and show how they apply in different functions of the body: Osmosis, Filtration, Vital Action.

5. Give in bold outlines the entire history of a meal of bread and meat.

6. Cerebro-spinal system: (a) Trace one important afferent and one important efferent tract; (b) how established? (c) consider briefly some of the important decussations of the nervous centres.

7. Enumerate experimental animals demonstrated to you to illustrate the functions of the nervous system, and examine in detail the case of some one of them.

8. Give the site and significance of the first neurone of the various sense organs.

N.B.—The use of diagrams is especially desired in the answers to this paper.

### Chemistry.

#### Second Year.

MAY 26TH, 1902.

Examiners...... DR. G. P. GIRDWOOD. DR. R. F. RUTTON.

1. Describe an induction coil, giving its mode of operation, tracing current from origin to return through the coil. What are X-Rays? How obtained?

- 2. Give a full account of Mercury. How is it obtained? What are its boiling and freezing points? What is white precipitate? What are tests for Mercury?
- 3. Describe the Nitrogen group of elements, show the resemblance in their compounds, and give the tests for Arsenic and Antimony.
- 4. What quantity of Manganese dioxide when acted upon by Hydrochloric acid, would be required to give Cl. sufficient to decompose 17 grammes of ammonia gas? What volume of Nitrogen would be obtained by the operation

- 5. Describe the class of compounds called Alums, and give the preparation of any two of them.
- 6. Give a short account of the occcurrence of carbon in nature, its properties; what are its oxides. How does marsh gas occur and describe its preparation and properties.
- 7. Calculate the volume of carbon dioxide, N.T.P., which would be produced by burning 4.5 grms. of Ethyl amine. What volume of this gas, Ethyl amine N.T.P., would be required to produce 0.7 grm. of Nitrogen?
- 8. What is the chemical composition of (1) Lead plaster, (2) Butter, (3) Prussian blue, (4) Hippuric acid, (5) Salicylic acid? Give formulæ where possible.
- 9. Classify the simple sugars (Monosaccharides) and give the full chemistry of Glucose.
- 10. Explain the relation of (1) Tartaric acid to Succinic and Malic acids, (2) Urea to carbonic acid, (3) Aniline to Phenyl hydrazin, (4) Gallic to Pyrogallic acids, (5) Glycocoll to Sarcosine. Give formulæ.

#### Obstetrics.

#### Third Year.

MAY 27TH, 1902.

Examiners.... PROF. J. C. CAMERON.

DR. D. J. EVANS.

DR. J. BARCLAY.

DR. H. R. D. GRAY.

- 1. Define and describe Broad Ligament, Decidua Vera, Serotina, Placenta, the Membranes.
- 2. Describe the changes which occur in the uterus as the result of gestation.
- 3. Which are the most important diameters of the pelvis, noting their bearing upon the mechanism of labor?
- 4. How would you ascertain the measurement of the Conjugata Vera in a pregnant woman?

- 5. What are the signs of pregnancy which are available at the end of the 3rd month? What at the end of the 6th month?
  - 6. What is meant by the terms Presentation, Position, Attitude?
- 7. Describe the relation of the fœtus to the pelvis in a case of (a) R.O.A.; (b) R.M.P.
- 8. What is meant by Flexion and Extension? What effect have they upon the mechanism of labor?
- 9. How would you manage (a) the 2nd stage of labor; (b) the 3rd stage?
  - 10. Describe the fœtal circulation in utero at the 8th month.

N.B.-Answer the first six questions, and one only of the remaining.

## General Pathology.

#### Third Year.

MAY 28TH, 1902:-2.30 TO 5 P.M.

- 1. What conditions would you expect to find in the autopsy upon a young adult female in whom for more than a year there had been progressive symptoms of pulmonary tuberculosis with cavitation?
- 2. State briefly what are the following conditions and how they are produced:—(1) Auto intoxication, (2) Granuloma, (3) Dry gangrene, (4) Conglutination, (5) Hydronephrosis, (6) Myxoedema, (7) Syncope, (8) Parasyphilitic lesions, (9) Paradoxical embolism, (10) Ovarian dermoid.
- 3. In what respects does a malignant differ from a benign neoplasm? What is the evidence, direct and indirect, that malignant growths are of parasitic causation?
- 4. Describe the stages of inflammation as seen in the web of the frog's foot. What evidence have we that the passage of leucocytes out of the vessels is an active and not merely a passing process?
- 6. Discuss the factors concerned in the formation of calculi. Enumerate the disturbances to which these may give rise.

#### Mental Diseases.

#### Third Year.

DECEMBER 19TH, 1901.

Examiner......Prof. T. J. W. Burgess.

- 1. What is meant by imperative concepts and insistent morbid ideas? Give examples of each.
- 2. What features point to a favourable prognosis in simple melancholia?

- 3. Distinguish between the depression or excitement of paranoia, and the depression of melancholia, or excitement of mania.
- 4. What are the principal gross pathological changes found in the brain after death from acute delirious mania?
- 5. Mention the leading symptoms, physical and mental, which characterize the second stage of general paresis.
- 6. In the Province of Quebec, what conditions are prerequisite to make a physician legally qualified to sign a certificate of insanity, and what conditions would debar him from signing one of the two medical certificates necessary for the commitment of a private patient to an asylum for the insane.

## Bacteriology.

#### Third Year.

JANUARY 18TH, 1902:-9.20 TO 12.

- 1. Discuss the methods whereby bacteria produce the symptoms of disease, giving illustrative examples from the results of experiments.
- 2. What do we know concerning the methods employed by the organism to counteract the action of pathogenic bacteria?
- 3. State briefly the characteristics and properties of the following micro-organisms:—
  - (1) M. Gonorrhœa.
  - (2) B. Diphtheriæ.
  - (3) B. Pestis Bubonicæ.
  - (4) Hæmatozoon Malariæ.
  - 4. What is meant by the following terms:-
    - (1) Enzyme action.
    - (2) Involution forms.
    - (3) Acid fast bacilli.
    - (4) Mallein.
    - (5) Metachromatic bodies.
    - (6) Pseudo-tuberculosis.
    - (7) Widal reaction.
    - (8) Anti-streptococcic serum.
    - (9) Haffkine's anti-choleraic inoculations.
    - (10) The side chain theory of immunity.

## Medical Jurisprudence.

Examiner......Prof. Wilkins.

1. Describe the action of the organisms concerned in putrefaction, giving their results.

Describe also some of the effects of the gases formed.

- 2. Give causes of abortion: Signs of recent delivery on the dead.
- 3. Natural suffocation-What is it? Also its causes?
- 4. Poisoning by Strychnine. Give symptoms and treatment. How may death occur? How is onset of rigor mortis affected by dose? Distinguish symptoms from those of traumatic tetanus.
- 5. What is the difference between "20 payment life policy" and "20 year endowment policy" in life assurance?
  - 6. Differences between male and female skeleton.
- 7. What are the post-mortem signs of maturity of the newly-born child?

## Pharmacology and Therapeutics.

#### Third Year.

Prof. A. D. Blackader.
Dr. J. T. Halsey.
Dr. R. A. Kerry.

Answer five of the following questions.

- 1. From what sources may danger arise during anæsthesia by Chloroform? What measures are to be adopted in threatened death due to this anæsthetic?
- 2. Contrast the action of Opium and Chloral Hydrate. Name six of the more important drugs used to induce sleep, stating the dose in which they may be employed for this purpose, and writing two prescriptions.
- 3. Name the more important therapeutic applications of Strychnine, stating exactly the way in which the drug may be of service in each case. What drugs antagonize the action of Strychnine on the central nervous system? What measures are to be employed in the treatment of strychnine poisoning?
- 4. Contrast the action on the alimentary tract of Croton oil, Aloes, Jalap, and Magnesium Sulphate. State the conditions which in your view would call for their special employment, and give directions as to their mode of administration, writing the necessary prescriptions.
- 5. Name the various therapeutic measures which may be employed to increase secretion of urine. What indications call for the exhibition of diuretics?

- 6. Describe exactly the action of astringents on mucous surfaces. Name four of the more important mineral astringents and their official preparations.
  - 7. Write a prescription for the administration of :-
    - (1) Bismuth Carbonate.
    - (2) Liquid extract of male fern.
    - (3) Arsenic.
    - (4) Nitro-glycerine.
    - (5) Cod liver oil.

## Hygiene.

#### Third Year.

MAY 28TH, 1902: -2.30 TO 5.30 P.M.

Examiners......  $\begin{cases} PROF. WYATT JOHNSTON. \\ DR. D. D. MACTAGGART. \end{cases}$ 

- 1. Mention the chief deleterious effects of impurities in the air, their causes, and indicate the method of preventing them, especially in connection with industrial Hygiene, using some trade as an illustration.
- 2. Give examples of cool dry and warm dry climates. What are the characteristics of mountain and plain climate?
- 3. What physical, chemical and biological data would make you regard river water as dangerously polluted? Discuss the significance of albuminoid ammonia and chlorine in relation to surface water.
- 4. What are the ordinary methods of purifying sewage? What standard would you demand in the effluent?
- 5. Describe and sketch two common drain traps. State briefly the arrangements necessary for properly draining a city house.
- 6. What arrangement would you advise for lighting, heating and ventilating a schoolroom for forty pupils? Outline a set of sanitary regulations regarding schools.
- 7. Describe in detail what you consider the most effective means of disinfecting (a) an infected room, (b) bedding.
- 8. Two cases of scarlet fever breaking out in a workingman's house, what precautions would you observe to prevent, with certainty, the spread of the disease? What special measures would you adopt in (a) Diphtheria, (b) Yellow Fever?
- 9. Explain the relative nutritive value of some of the commoner forms of food in ordinary diets. How would you proceed to investigate an outbreak of food poisoning?

## Gynæcology.

#### Fourth Year,

MAY 27TH, 1902.

Examiners..... PROF. WM. GARDNER.

DR. F. A. L. LOCKHART.

DR. J. D. CAMERON.

DR. W. W. CHIPMAN.

1. Define Leucorrhœa, and indicate those characters of the Discharge which suggest important or serious morbid conditions.

2. Distinguish Amenorrhœa from retention of the menses, and discuss the etiology of amenorrhœa.

3. Describe the sources of the hæmorrhage in pelvic hæmatocele. Diagnose pelvic hæmatocele from inflammation of the uterine appendages.

4. Discuss the causes and treatment of Cystitis.

#### Obstetrics.

#### Fourth Year.

MAY 27TH, 1902.

Examiners...... PROF. J. C. CAMERON. DR. D. J. EVANS.

1. P.P. Hamorrhage: occurring half an hour after the expulsion of the Placenta. What would be the most probable cause and how would you treat it?

2. The after coming head: What are clinically the chief difficulties in delivery and how may they be overcome?

3. Tuberculosis and Pregnancy: (a) What influence do they have, one upon the other? (b) may infection be conveyed from the mother to the fœtus? If so, how? (c) What precautions would you take in managing pregnancy in a tubercular patient?

4. A primipara, æt. 38, comes under your care to-day. Her last menstrual period began October 20th, 1901; she is delicate, of slight build, complains of constipation, morning vomiting, occasional epistaxis and has moderate swelling of feet and ankles. The pelvic measurements are:—

 Spines
 .25 cm.

 Crests
 .26 cm.

 Conj. Ext
 .18 cm.

 Conj. Diag
 .10.5 cm.

 Binischial
 .10 cm.

The fœtus is small, with an average heart beat of 135. How would you manage the case? Write prescriptions for any drugs which you may wish to administer.

5. In the case of *premature and feeble infants*, describe fully the points upon which you would base your prognosis; detail the line of treatment which you would adopt.

# Ophthalmology and Otology.

Fourth Year.

JUNE 2ND, 1902.

- 1. Certain diseases of the eye are liable to result in blindness; mention any three of these, and state how the loss of vision occurs in each.
- 2. Describe the function of accommodation and the influence of Myopia and Hyperopia on this function respectively.
- 3. Under what circumstances would you employ (1) Atropine, (2) Eserine, (3) Nitrate of Silver, (4) Sulphate of Copper, in the treatment of disease of the eyes, and what preparations of these drugs would you make use of?
- 4. What do you understand by the terms:—Mydriasis, Myosis, Nystagmus, Blepharitis, Chemosis, Panophthalmitis, Keratitis and Strabismus? Also explain the meaning of the term "Latent Strabismus."
- 5. Describe an ordinary case of Ophthalmia Neonatorum and give its treatment.
- 6. A child, say six years of age, has measles: two years later it is found to be partially deaf and subject to occasional attacks of earache. Give a clinical picture of such a case, and state how you would deal with it.
- 7. Give the points of difference between diseases of the Labyrinth and of the Middle Ear.
- 8. Chronic Suppurative Otitis Media: Write a brief account of this affection.

#### Medicine.

#### Fourth Year

MAY 29TH, 1902.

1. (25) Describe the anatomical changes in the heart in arterial sclerosis. Give the symptoms indicating this condition with the physical signs and treatment.

2. (20) Discuss fully the differential diagnosis between Varicella and discrete Variola.

3. (20) Discuss fully the diagnosis of a case with dulness, blowing breathing, crepitation and bronchophony at the apex of the lung.

4. (20) Discuss the different ways in which a fatal termination may occur in an individual who is suffering from alcoholic cirrhosis of the liver.

5. (20) Under what conditions does abnormal peristals occur in the gastro-intestinal tract? Give the main symptoms of one of the most serious conditions.

6. (25) Discuss the prognosis and treatment in the following diseases:—(1) Saturnine Encephalopathy; (2) Epidemic Cerebro-spinal Meningitis; (3) Cerebellar abscess from suppurative middle ear disease.

7. (20) Describe the principal complications and the remote results which may occur from a severe attack of whooping-cough.

8. (20) Describe the various forms of Croup met with in young children, and give the treatment suitable for each.

9.(30) A female, æt. 19 years, employed as a general servant, begins to complain of breathlessness on exertion and paroxysmal pain in the region of the supra-orbital nerve area. Her appetite is very poor and capricious. The visible mucous membranes and skin are found to be very pale. In the course of a few weeks she is suddenly seized with a severe pain in the occiput, and a few days after begins to complain of dimness of vision, and on examination of the eyegrounds a slight degree of optic neuritis is made out.

What is the probable condition present? What is likely to be the ultimate result? What further investigation would you consider desirable in order to make the nature of the case perfectly clear?

# Surgery.

#### Fourth Year.

MAY 31ST, 1902.

- 1. What signs and symptoms would lead you to suspect the presence of a small Carcinomatous Tumour in the inner and upper quadrant of the Mammary Gland? Describe briefly the operation for its removal.
- 2. Describe the Combined Operation of Internal and External Urethrotomy, and state the advantages of this procedure.
- 3. What are the three commoner forms of Solid Tumour of the Testicle? Give the differential diagnosis between them.
- 4. What conditions would lead you to a diagnosis of Tubercular Kidney? Briefly outline the treatment.
- 5. Give the symptoms and treatment of Empyema of the Gall Bladder.
- 6. A foreign body (a dental plate carrying three teeth) has become impacted in the Œsophagus of an adult: what symptoms may the patient suffer from? Having located it, describe in detail how you would remove it.
- 7. What surgical complications and sequelæ may be associated with or may follow Gastric Ulcer? How would you treat frequently recurring Hæmatemesis which has resisted medical treatment for over twenty-four hours, the patient giving a clinical history of Gastric Ulcer?
- 8. What would be the clinical history of Acute Infective Osteomyelitis in the lower end of the Femur in a child of eight? How would you treat such a case?

